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WENNER-GREN FOUNDATION  
FOR ANTHROPOLOGICAL RESEARCH  
INCORPORATED

14 EAST 71 STREET  
NEW YORK 21, N. Y.



REPORT ON THE FOUNDATION'S ACTIVITIES FOR  
THE YEAR ENDED JANUARY 31, 1958

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In accordance with the Foundation's recognition of its accountability to the public, this Report has been printed for distribution to interested persons.

The Wenner-Gren Foundation for Anthropological Research, Incorporated is a foundation established for the promotion and support of scientific, educational, and charitable enterprises. As The Viking Fund, Inc., it was created and endowed at the instance of Axel Leonard Wenner-Gren and was incorporated February 1941 under the laws of the State of Delaware. The change of name was effected May 1, 1951.

WENNER-GREN FOUNDATION  
FOR ANTHROPOLOGICAL RESEARCH  
INCORPORATED

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AXEL L. WENNER-GREN

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\* Date Indicates Year of Election.

† Deceased, 15 January 1958.

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New York Headquarters  
14 East 71 Street, New York 21, New York

## FOREWORD BY THE PRESIDENT

The close of the seventeenth year of operations of the Wenner-Gren Foundation for Anthropological Research affords once again the opportunity to place before you our annual statement.

The principal activity of the Foundation has always been the awarding of grants-in-aid for programs of research in anthropology and its related disciplines. This fundamental policy has continued through the year 1957 so that the number of grants awarded during the Foundation's history now totals 1133.

As in the past, the members of the anthropological profession were consulted in evaluating the petitions for grants. The Foundation again wishes to express its profound gratitude for the prompt response and enthusiastic cooperation of those scholars to whom it has turned for advice, whether for opinions in regard to specific projects or in connection with the continuous process of appraisal and reappraisal of the Foundation's general program and activities.

The policy that the Foundation shall not solely be a grant-making institution, but shall have the character of an institute serving the anthropological discipline has been continued.

The Foundation makes available to visiting scholars its Research Library and meeting rooms in its home; it holds Supper-Conferences for anthropologists as an opportunity for increased social contacts and the presentation of papers reporting on results of research; it publishes a monograph series; it awards medals to outstanding anthropologists chosen by their respective professional associations; and, it provides clearing-house services for anthropological information.

During the past year, through the generosity of our Founder, Axel L. Wenner-Gren, the Foundation received an important donation. On June 1, 1957, Dr. Wenner-Gren addressed the following letter to the Director of Research:

Nassau, Bahamas  
June 1, 1957

Dear Paul:

As the time when you will depart for Europe is very near I would once more want to remind you of our conversations concerning the establishing of a European Headquarters for the Wenner-Gren Foundation for Anthropological Research.

You will remember that I emphasized that what I had in mind was not so much an administration office, but rather a center of scientific

activities. Such activities should be planned on the basis of international participation. Conferences and symposia are to be projected whenever possible and practicable on interdisciplinary problems, where anthropology could act as the integrating factor. You will bear constantly in mind that my interest is, in this case, man's behaviour and motivations. My other Foundations in Sweden will carry on research in the natural and physical sciences.

I want you to search for and select a site for headquarters which is sufficiently remote from the noises and distractions of city atmosphere, but nevertheless is in practical distance from a well-equipped library and seats of higher learning. The building for which you should look must offer ample space for accommodating scholars partaking in the conferences and it should not only have a single auditorium of sufficient size but equally well, other fair-sized rooms, where smaller conferences can be held by about 10-12 scholars.

It should be pleasantly situated with a scenic background conducive for meditation and quiet thinking. In this respect I ask you to remember our conversations of some 17 years ago, when I first told you of the misfortune that in this modern industrial age meditation is slowly disappearing from our civilization.

The place for which you should look also must have dignity. It should not be simply a 'shelter' or a square 'box' building, but should provide the proper aesthetic setting for the conferences and must stimulate interest in historic cultures.

If you succeed in finding such a site, please report to me. I intend then to acquire it and will donate the building and the land to the Wenner-Gren Foundation for Anthropological Research. The Foundation shall then undertake the necessary renovations and alterations at its own expense.

I wish you good success in your search and send you my best personal regards.

(Signed)

AXEL L. WENNER-GREN

Dr. Wenner-Gren's letter did not come as a complete surprise to the Foundation. During the past seventeen years, he frequently expressed his belief in the importance of international communication and collaboration in anthropology. He has also been acutely aware of a certain tendency in the anthropological discipline to divide itself along national lines as to schools of thought and research. On numerous occasions he expressed the opinion that in this age of crisis no one nation can or should have a claim on anthropology. With



European Headquarters  
Burg Wartenstein, bei Gloggnitz, N. Oe.  
Austria

this in mind, the Foundation has in the past years invited foreign scholars to the United States for lecture assignments and study trips, as well as provided United States anthropologists with the possibility to travel abroad to become acquainted with foreign colleagues.

During the Summer of 1957, the Director of Research, accompanied by Dr. John W. Dodds of the Board of Directors, made a survey of the available sites in Europe. After three months of searching, they reported to Dr. Wenner-Gren that a property in Austria near Vienna, called Wartenstein, seemed to offer all the necessary requirements for the institution envisaged by him.

Wartenstein consists of a massive 900-year-old castle containing approximately 40 usable rooms together with an auditorium and a farm-house complex of 6 buildings. It is located in the foothills of the Austrian Alps, about a 75-minute drive from Vienna.

Dr. Wenner-Gren then acquired the property and donated it as a free gift to the Foundation. The Board of Directors takes great pleasure in publicly recording their profound gratitude for this new act of generosity of the Founder.

During the Spring and early Summer of 1958, Wartenstein will be renovated and its interior modernized. It will open its doors in mid-August for the participants of an eight-day international symposium on Current Anthropology, followed by two week-long conferences for European anthropologists.

For the year 1958, Wartenstein will be able to board and lodge only 26 scholars. It is hoped, however, that after the renovation is completed, this number can be doubled.

The Board of Directors will be grateful for suggestions or ideas for conference themes for the new European Headquarters, particularly ideas for such symposia in which the majority of the required scholarly personnel would be European.

On January 10, 1958, a new member, Charles J. R. Davis, Esq., was elected to the Board of Directors. Mr. Davis, an attorney by profession, is a Director of Electrolux Corporation and is also a Trustee of Athens College, Athens, Greece.

The Board of Directors deeply regrets to announce the passing on January 15, 1958, of Mr. William Vincent Griffin, who had served the Foundation with devotion, honor, and distinction as Director from the early days of its existence. His presence will be greatly missed by all his fellow Directors.

PAUL FEJOS,  
*President*

May 16, 1958

## REPORT OF THE DIRECTOR OF RESEARCH

This annual report begins with a review of the Foundation's new program *Current Anthropology* and is followed by a summary of other Foundation activities such as conferences and seminars, publications, medals and awards, grants awarded during the year, and grants completed during the year.

### CURRENT ANTHROPOLOGY

During the past year the Foundation has inaugurated a new series of publications to be called *Current Anthropology*. This project is undertaken in the hope of continuing the kind of scholarly inter-communication begun with the 1952 Wenner-Gren Foundation International Symposium and published in *Anthropology Today, An Appraisal of Anthropology Today*, and the *International Directory of Anthropological Institutions*. The *Yearbook of Anthropology*, 1955 continued in a frankly experimental way to perform the same function. Its 836 pages contained substantive articles, summaries, and reports of anthropological work, as well as reference data. The first 351 pages, the substantive material, was published as a separate volume entitled *Current Anthropology*.

In order to facilitate communication within the profession and at the same time obtain a wide expression of views concerning the nature and scope of *Current Anthropology*, the planning of part of the Foundation's Supper-Conference Program was combined with the new publication program. Dr. Sol Tax of the University of Chicago was asked to edit this new series and to arrange the Supper-Conferences.

In 1957, seven Supper-Conferences planned by Dr. Tax were attended by over one hundred anthropologists. The time and place and the participants were as follows:

#### EDWARDSBURG, MICHIGAN, JULY 12 - 14

R. M. Adams, Jr., U. of Chicago	J. B. Griffin, U. of Michigan
R. K. Beardsley, U. of Michigan	Jules Henry, Washington U.
R. J. Braidwood, U. of Chicago	L. P. Mair, London School of Economics
D. Collier, Chicago Natural History Museum	N. A. McQuown, U. of Chicago
F. Eggan, U. of Chicago	W. D. Schorger, U. of Michigan
L. A. Fallers, U. of California	J. N. Spuhler, U. of Michigan
R. W. Force, Chicago Natural History Museum	F. P. Thieme, U. of Michigan
	Betty Potash—Recorder

SEATTLE, WASHINGTON, DECEMBER 6 - 7

- |  |   |
|--|---|
| A. Anastasio, Western Washington<br>College of Education | H. B. Hawthorn, U. of British Columbia                        |
| H. G. Barnett, U. of Oregon                              | F. S. Hulse, U. of Washington                                 |
| E. N. Brandt, Portland State U.                          | M. Jacobs, U. of Washington                                   |
| L. Cressman, U. of Oregon                                | F. K. Li, U. of Washington                                    |
| W. Duff, Provincial Museum, Victoria                     | B. McLaughlin, U. of Washington                               |
| W. W. Elmendorf, Washington State<br>College             | S. Ottenberg, U. of Washington                                |
| D. French, Reed College                                  | K. Read, U. of Washington                                     |
| V. Garfield, U. of Washington                            | T. Stern, U. of Oregon  |
| F. Gearing, U. of Washington                             | W. Suttles, U. of British Columbia                            |
| R. E. Griengo, U. of Washington                          | H. C. Taylor, Jr., Western Washington<br>College of Education |
| E. Gunther, U. of Washington                             | J. B. Watson, U. of Washington                                |
|  | E. V. Winans, U. of Washington                                |
|  | P. Newman—Recorder  |

STANFORD, CALIFORNIA, DECEMBER 9

- |                                      |   |
|--------------------------------------|---|
| A. Beals, Stanford, U.               | T. Parsons, Harvard U.                                    |
| J. Ben-David                         | I. de Sola Pool, Massachusetts Institute<br>of Technology |
| R. Dahrendorf                        | A. K. Romney, Stanford U.                                 |
| B. A. Gerow, Stanford U.             | B. J. Siegel, Stanford U.                                 |
| W. H. Goodenough, U. of Pennsylvania | M. Singer, U. of Chicago                                  |
| D. Hamburg                           | G. D. Spindler, Stanford U.                               |
| B. Hanssen                           | C. Wagley, Columbia U.                                    |
| F. M. Keesing, Stanford U.           | J. H. Weakland, Stanford U.                               |
| A. H. Leighton, Cornell U.           | M. J. Kennedy—Recorder                                    |
| D. Mandelbaum, U. of California      |   |

BERKELEY, CALIFORNIA, DECEMBER 10

- |   |  |
|---|--|
| S. Barrett, U. of California                    | R. F. Murphy, U. of California           |
| W. R. Bascom, U. of California                  | E. Norbeck, U. of California             |
| D. Bennett, U. of California                    | R. K. Pope, U. of California             |
| L. A. Fallers, U. of California                 | A. K. Romney, Stanford U.                |
| G. M. Foster, U. of California                  | J. H. Rowe, U. of California             |
| J. T. Hitchcock, U. of California               | R. F. Salisbury, Harvard U.              |
| W. D. Hohenthal, San Francisco State<br>College | D. M. Schneider, Harvard U.              |
| A. L. Kroeger, U. of California                 | M. Singer, U. of Chicago                 |
| T. D. McCown, U. of California                  | R. T. Smith, U. of California            |
| R. F. Millon, U. of California                  | A. Treganza, San Francisco State College |
|   | J. A. Bennyhoff—Recorder                 |

LOS ANGELES, CALIFORNIA, DECEMBER 11

H. Aschman, U. of California, Riverside  
R. L. Beals, U. of California, Los Angeles  
J. B. Birdsell, U. of California,  
    Los Angeles  
L. Broom, U. of California, Los Angeles  
P. Carrasco, U. of California, Los Angeles  
E. Ewing, Long Beach State College  
N. Gabel, U. of California, Santa Barbara  
J. F. Goin, U. of California, Riverside  
E. Goldschmidt, U. of California,  
    Los Angeles  
W. R. Goldschmidt, U. of California,  
    Los Angeles  
H. Hoijer, U. of California, Los Angeles

A. J. Krieger, Riverside Municipal  
    Museum  
C. M. Leslie, Pomona College  
C. W. Meighan, U. of California,  
    Los Angeles  
R. Narroll, Los Angeles State College  
H. Nelson, Santa Monica City College  
H. B. Nicholson, U. of California,  
    Los Angeles  
W. L. Thomas, Jr., U. of California,  
    Riverside  
C. Taylor, U. of California, Los Angeles  
J. E. Weckler, U. of California,  
    Los Angeles

R. C. Owen—Recorder

TUCSON, ARIZONA, DECEMBER 13 - 14

E. B. Danson, Northern Arizona Society  
    of Science and Art  
C. C. DiPeso, Amerind Foundation  
R. Hackenberg, U. of Arizona  
E. W. Haury, U. of Arizona  
W. W. Hill, U. of New Mexico  
J. D. Jennings, U. of Utah  
W. H. Kelly, U. of Arizona  
R. Lister, U. of Colorado

S. Newman, U. of New Mexico  
L. Oschinsky, U. of Arizona  
E. Reed, National Park Service  
E. H. Spicer, U. of Arizona  
O. Stewart, U. of Colorado  
C. L. Tanner, U. of Arizona  
R. H. Thompson, U. of Arizona  
W. W. Wasley, U. of Arizona  
J. Yegerlehner, U. of Arizona

L. Scoggins—Recorder

Out of the meetings developed ideas as to the general scope of the publication, the direction which materials should take, and the kinds of articles which should be included. There were many suggestions as to how articles might best be obtained. The following is a summary selection of these ideas and suggestions, and constitutes a report of progress to date.

It was assumed that *Current Anthropology* will be international and interdisciplinary in scope and that material included should be directed toward the interests of professionals and graduate students in America and abroad. Suggested for implementing this policy was a series of overseas conferences to obtain a knowledge of interests of scholars in other areas. Another suggestion was to select and reprint in each issue important articles published anywhere in the world.

The several discussions indicate that a major aim of *Current Anthropology* should be the up-dating and completion of the 1953 Wenner-Gren Foundation book, *Anthropology Today*. It would therefore include mainly articles reviewing major fields of knowledge. Such articles should reflect current trends and future prospects of the discipline and be forward looking in nature. But out-of-fashion topics like material culture would not be neglected. A subsidiary purpose might be the development and reporting of other professionally useful materials (as in the Foundation's 1955 *Yearbook of Anthropology*), such as bibliographies, abstracts of important articles appearing in other publications, and, perhaps, articles on such technical matters as antiquities laws in various countries.

Some questions arose as to how articles could best be obtained. It was suggested that articles be individual contributions (or jointly by two or three persons) and that seminars, symposia, and conferences should be called to facilitate the exchange of ideas and to cut out blocks of pertinent material. These conferences would develop material for publication or furnish ideas for subsequent development and publication. Another suggestion was to appoint committees of scholars in each field which could decide on topics and select authors. Such a committee could also choose other scholars in the field to comment on the papers. In this way we would have criticisms and differences of views built into the articles. It seemed wise, however, not only to ask for articles but to stimulate a flow of volunteered papers from which the editor could select.

During the meetings came many ideas for the specific content of *Current Anthropology*. Many of these were adopted with enthusiasm. Others were thought to be too great a task for the publication at this time, or to fall outside its scope.

One suggestion not conclusively resolved was for the publication of a section on the Peoples of the World. This was agreed to be in harmony with the policies proposed, as well as desired and needed throughout the profession, but there was no agreement on whether the task could be approached realistically. Articles combining theoretical and areal data after the pattern of *African Political Systems* might be one way of including ethnographic materials; thus, South American Social Structure or New Guinea Religion might be good topics for articles. Another way of including such materials would be to consider each area in terms of the major problems being studied and the methodology used.

Another unresolved problem concerned a proposal to aid field workers by assembling on microcards materials to be taken into the field together with a portable reader. The tendency of the conferees was to reduce the scope of such a "microcard library" to include only technical information not usually part of

anthropological training. But the project was not further discussed in detail, attention focussing rather on the content of *Current Anthropology*.

The following is a list of some of the articles suggested at the conferences. One point that was stressed was that uniformity in articles and completeness of coverage should not be attempted. Since the same types of data are not available for all problems and since different problems are important in different areas of the world, the coverage and organization of an article should be governed primarily by the topic itself.

Suggested articles were:

#### PHYSICAL ANTHROPOLOGY

##### *Articles Dealing with the Field as a Whole*

1. Scope and significance of physical anthropology today
2. Courses and training in physical anthropology—possible careers and preparation for these

##### *Approaches in Physical Anthropology—Methods, Concepts, and Theories*

3. An article on reorientations in physical anthropology or 3 articles on:
  - a. Morphological vs. functional approaches
  - b. Experimental approaches and field research
  - c. Influence of genetics, physiology, endocrinology and neural physiology on current thinking
4. Biological studies of small communities

##### *Reviews of Major Blocks of Knowledge*

5. Evolution and fossil history
6. Primate behavior and human behavior
7. Classification of living varieties of man
8. Growth and nutrition
9. The biological basis of human behavior including problems of variability and adaptability
10. Inventory review of man's place in nature (i.e., man as a domestic animal)
11. Natural selection as operative in man (e.g., blood types and relation to disease)
12. Behaviors that are jointly anatomically, culturally, and individually determined

#### ARCHEOLOGY

##### *Concepts, Methods, and Theories*

13. Resumé updating field tools and mechanical aids
14. Old and New World archeologists' thinking on ways of identifying processes, finding levels, etc. This will include an assessment of interpretations in terms of the evidence available for them.
15. Ecological point of view in archeology
16. Archeological sequences in regional schemes and as parts of developmental schemes—a classification and consideration of various sequences

*Problems in Developmental Studies*

17. Current assessment of cultural evolution on a world-wide scale by levels of food-getting efficiency
  - a. Natural extraction
    - (1) Gathering to the late glacial
    - (2) Gathering in the Upper Paleolithic, Mesolithic, and Archaic
  - b. Artificial extraction
    - (1) Different types of food production
    - (2) Levels of intensification
    - (3) Introduction of the plow
  - c. Industrialization
18. An article or series of articles on comparative institutions in prehistory. These would serve as a basis for comparing sequences of development in different areas and would aim at seeing the development of civilization in different parts of the world.
  - a. Subsistence
  - b. Technology
  - c. Art
  - d. Settlement patterns
  - e. Religious institutions
  - f. Political institutions
  - g. Economic institutions

*Miscellaneous*

19. Old and New World chronological relations

**CULTURAL ANTHROPOLOGY**

*Problems, Methods, and Results Within Cultural Anthropology  
Methods and Concepts*

20. The unit of study—problems of definition and the effect of the unit on the theoretical framework that is used
21. Problems of culture change—endemic vs. contact changes, long term vs. short run changes, etc.
22. Great and little traditions
23. Folk-urban theories
24. Universals
25. Different approaches to the study of social structure: Parsons-Weber, Radcliffe-Brown, and Murdock
26. Regional and interregional studies on lines other than diffusion
27. The use of culture as a master concept vs. the use of social structure
28. A reconsideration of the culture area concept
29. Stability and continuity in culture
30. The comparative method: illustrative approaches, concomitant variations, and the cross-cultural survey
31. Power, decision making, freedom, and the relation of individuals to society and social norms
32. Model building

### *Substantive Results*

*Comparative Institutions and Ideas*—these might be combined with area data

33. Family
34. Religion
35. Kinship systems
36. Technology
37. Economics
38. Law
39. Leadership
40. Education
41. Humor
42. Art or the social role of the artist
43. Folklore
44. Music
45. Food-getting techniques

### *Other Substantive Reviews*

46. Comparative studies of peasant societies and the relation of such studies to rural or folk studies
47. Social organization and social structure including kinship and political systems and social stratification
48. Social control
49. The relationship of technology to the rest of culture
50. Primitive knowledge
51. Warfare
52. Life ways in arid lands

### *Interdisciplinary Approaches*

#### *Theoretical and Substantive Problems*

53. Integration of ethnological and historical materials
54. Culture and personality including problems of mental health, mental illness, social psychiatry, comparative therapy, psycho-cultural functionalism, and national character studies
55. Role theory and its relation to anthropology
56. Demography and its relation to anthropology
57. Human geography and its relation to anthropology
58. General communications theory and its relation to anthropology
59. Interdisciplinary analysis of motivational research
60. Values including the contribution of other fields to value research
61. The study of the dance and its relation to anthropology

### **LINGUISTICS**

#### *Problems, Methods, and Theory Within Linguistics*

62. Summary of historical linguistic techniques
63. Lexico-statistics

64. Comparative reconstruction
65. Structural linguistics
66. Linguistic change

*Interdisciplinary Linguistic Problems*

67. Kinesics
68. Cross linguistic communication devices—pigeons, jargons, and other lingua franca
69. Psycholinguistics
70. Bilingualism in education
71. The relation of language and speech to human evolution and culture including the results of studies of vocal behavior in higher primates
72. A reconsideration of Sapir's *Time Perspective*

**APPLIED ANTHROPOLOGY**

73. Applied Physical Anthropology
74. Applied Linguistics
75. Applied Cultural Anthropology
76. Anthropology and general education

**MISCELLANEOUS ARTICLES**

77. Survey of anthropological work in each country
78. Interrelations within anthropology
79. Functions of museums in anthropology
80. Inventory of training aids in anthropology
81. Evaluations of anthropology by scholars in other fields. These could include considerations of the values of anthropologists and their effects on theory formation, the utilization of theories from other fields, the degree of methodological sophistication in anthropology, etc.

**PEOPLES OF THE WORLD**

If any, there would necessarily be many articles on Peoples and Cultures of the World, following one or all three suggested approaches:

- A. Summaries of each major area including geography, archeology, languages, history, etc. Maps would also be included. This summary would be accompanied by full discussions of one or two representative cultures from each area.
- B. Each area could be considered from a theoretical point of view thus combining substantive data with theoretical problems. Examples of such articles would be New Guinea Religion, South American Social Structure.
- C. Each area could be considered in terms of the major problems being studied and the methods used.

The subdivisions of the world suggested at one conference are:

- A. North America
- B. South America
- C. Middle America
- D. Africa south of the Sahara

- E. North Africa and the Near East
- F. South Asia
- G. Southeast Asia
- H. Central and Northern Asia
- I. Oceania
- J. Europe

This list of titles was sent to all Fellows of the American Anthropological Association with a card on which each recipient could indicate the articles he himself might write and suggest other appropriate authors. Several hundred replies have been received. This material will constitute not only a resource file of topics and authors for *Current Anthropology* but also, with respect to United States anthropology, the beginning of a roster of anthropologists and their special knowledge.

Having thus begun to determine what will be most useful from the point of view of United States anthropology, plans were initiated for holding similar conferences in other parts of the world, beginning with Europe, to obtain a knowledge of the interests of all scholars. The Editor, with the assistance of colleagues in each country, is therefore planning a series of Supper-Conferences to be held during July and August in London, Cambridge, Copenhagen, Paris, Barcelona, Munich, Rome, Prague, and Vienna. Following this, the Conference leaders will gather at Wartenstein, Austria, for a week's conference to review and summarize the results of the summer's meetings.

#### CONFERENCES AND SEMINARS

##### *Supper-Conferences for Anthropologists*

The Foundation's program of Supper-Conferences for Anthropologists was begun in 1944 to provide an opportunity for scholars to present papers on recent research before an audience of invited colleagues. On these occasions the Foundation opens its home for an evening and provides buffet-supper and travel expenses to speaker and members of the invited audience for their travel from outside of New York City.

The following is a list, by speaker and title of paper, of the Supper-Conferences held in New York City during the past year (\* indicates those for which a tape-recording is available):

- \*February 1, 1957 —Dr. J. Alden Mason  
"Fifty Years of American Anthropology"
- \*March 15, 1957 —Dr. G. P. Murdock  
"Culture History of Africa"

- \*March 22, 1957 —Dr. W. F. Albright  
"Man and Water in the History of the Ancient East"
- \*April 12, 1957 —Dr. A. I. Hallowell  
"The Core of a Primitive World View: Ojibwa Metaphysics of Being and the Cognition of Persons"
- \*April 26, 1957 —Dr. S. K. Lothrop  
"Archeological Investigations at Venado Beach, Panama Canal Zone and General Problems of Isthmian Archeology"
- \*May 3, 1957 —Dr. Lauriston Ward  
"The Problem of the Early Spread of Neolithic Culture through Asia: The Pottery Evidence"

Allocations were made for other special seminars and conferences which are listed below:

- \*March 29, 1957 —Dr. Carl Hempel  
"Values in Action"
- April 5, 1957 —Human Relations Area Files Conference on "The Possible Use of Computers in Anthropology"
- April 12, 1957 —Conference on "Natural Selection in Man"  
(At Ann Arbor, Michigan, at the Annual Meetings of the American Society of Human Genetics and the American Association of Physical Anthropologists)
- April 22, 1957 —New York Academy of Medicine Conference on "Whither Medicine"
- December 6, 1957—New York Academy of Medicine Conference on "Whither Medicine"
- December 9, 1957—New York Academy of Medicine Conference of the Committee on Medical Information

In the Fall of 1957, the Foundation altered its long-time program of Supper-Conferences hitherto held in New York City. These conferences will now be held in different parts of the United States and Europe to aid the Editor of *Current Anthropology* in communicating with colleagues, to obtain their advice and criticism, and to help develop articles for the publication. This program is described in full on pages 5-13 of this Report.

#### PUBLICATIONS

In addition to the previously mentioned *Current Anthropology*, the Foundation has continued support of its monograph series, "Viking Fund Publications in Anthropology." Under the guidance of the Editor, Dr. S. L. Washburn of the University of Chicago, two volumes appeared. They are:

Joseph Greenberg, *Essays in Linguistics*, Viking Fund Publications in Anthropology, No. 24, New York, 1957. 108 pp.

Elizabeth E. Bacon, *Obok: A Study of Social Structure in Eurasia*, Viking Fund Publications in Anthropology, No. 25, New York, 1958. 235 pp.

The monograph series, comprising reports on research in general anthropology, was begun in 1942 under the editorship of Dr. Cornelius Osgood of Yale University. Dr. Ralph Linton of Columbia University and Yale University served as editor during 1946-1951, followed by Dr. A. Irving Hallowell of the University of Pennsylvania during 1951-1956. Dr. Sherwood L. Washburn of the University of Chicago assumed the editorship in 1956. The Foundation subsidizes publication of manuscripts whether or not the research was supported by the Foundation. Complete authority, however, for the selection of manuscripts and their preparation for publication rests with the appointed editor, and inquiries regarding the series should be addressed to him.

In March 1953 an arrangement was entered into between the Foundation and the American Anthropological Association whereby the latter became the sole agent for the sale of the Foundation's monograph series, the "Viking Fund Publications in Anthropology." The Foundation donates the entire gross income from such sales to the American Anthropological Association. Free-list distribution of new monographs upon publication has continued to a selected list of scholars and institutions throughout the world. Volumes 1 through 8 and 10 through 16 are out of print; orders for all other numbers in the series should be placed with the Executive Secretary, American Anthropological Association, whose current address is Logan Museum, Beloit, Wisconsin.

#### MEDALS AND AWARDS

The Viking Fund Annual Awards in Anthropology consist of three Viking Fund Medals, with accompanying Viking Fund Prizes of \$1,000 each. These have been awarded annually since 1946 for distinguished research, publication, and contribution to science, to scholars selected by committees of their respective professional societies: in General Anthropology by the American Anthropological Association, in Archeology by The Society for American Archaeology, and in Physical Anthropology by the American Association of Physical Anthropologists. The awards for 1957 were presented on the occasion of the twelfth Annual Dinner of the Wenner-Gren Foundation for Anthropological Research, at the Plaza Hotel in New York City on March 7, 1958. The face of the Medal and a roster of its recipients, since the first awards were made for 1946, follows:

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**GENERAL ANTHROPOLOGY**

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DR. ALFRED LOUIS KROEBER  
*University of California*

DR. ROBERT HARRY LOWIE  
*University of California*

DR. JOHN REED SWANTON  
*Smithsonian Institution*

DR. GEORGE PETER MURDOCK  
*Yale University*

DR. CLYDE KAY KLUCKHOHN  
*Harvard University*

DR. RALPH LINTON  
*Yale University*

DR. JULIAN H. STEWARD  
*University of Illinois*

DR. MELVILLE J. HERSKOVITS  
*Northwestern University*

DR. ROBERT REDFIELD  
*University of Chicago*

DR. A. I. HALLOWELL  
*University of Pennsylvania*

DR. FRED EGGAN  
*University of Chicago*

DR. MARGARET MEAD  
*American Museum of Natural History*

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**ARCHEOLOGY**

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1946

DR. ALFRED VINCENT KIDDER  
*Harvard University*

1947

DR. JOHN OTIS BREW  
*Harvard University*

1948

ALEX DONY KRIEGER  
*University of Texas*

1949

DR. HALLAM LEONARD MOVIUS, JR.  
*Harvard University*

1950

DR. EMIL WALTER HAURY  
*University of Arizona*

1951

DR. FRANK HAROLD HANNA ROBERTS, JR.  
*Smithsonian Institution*

1952

DR. ALFONSO CASO  
*Instituto Indigenista, Mexico*

1953

DR. GORDON R. WILLEY  
*Harvard University*

1954

DR. WM. DUNCAN STRONG  
*Columbia University*

1955

J. ERIC S. THOMPSON  
*Carnegie Institution of Washington*

1956

JUNIUS B. BIRD  
*American Museum of Natural History*

1957

DR. JAMES BENNETT GRIFFIN  
*University of Michigan*

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**PHYSICAL ANTHROPOLOGY**

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DR. FRANZ WEIDENREICH  
*American Museum of Natural History*

DR. EARNEST ALBERT HOOTON  
*Harvard University*

DR. ADOLPH HANS SCHULTZ  
*The Johns Hopkins University*

DR. WM. KING GREGORY  
*American Museum of Natural History*

DR. WILTON MARION KROGMAN  
*University of Pennsylvania*

DR. CARLETON STEVENS COON  
*University of Pennsylvania*

DR. WILLIAM L. STRAUS, JR.  
*The Johns Hopkins University*

DR. T. DALE STEWART  
*Smithsonian Institution*

DR. WILLIAM W. HOWELLS  
*Harvard University*

SIR W. E. LE GROS CLARK  
*University of Oxford, England*

DR. MILDRED TROTTER  
*Washington University, St. Louis*

DR. RAYMOND A. DART  
*University of the Witwatersrand,  
South Africa*

VIKING FUND MEDAL



## AN OUTLINE OF GRANTS AWARDED DURING THE YEAR

For the year ended January 31, 1958, a total of eighty-nine grants were appropriated by the Board of Directors of the Wenner-Gren Foundation. Of these, seventy-three were new grants, as distinguished from sixteen renewals or additional allocations to grants previously awarded.

The continuing international interest of the Wenner-Gren Foundation is best revealed through analysis of grants awarded, both in terms of nationalities of the scholars receiving grants and of the countries and regions of the world in which research was to be conducted.

Thirty-five grants were awarded to scholars or organizations in fourteen countries outside of the United States: two in the Pacific—Formosa and Australia; two in Africa—Cape Town and Northern Rhodesia; twenty-nine in Europe—Austria, Denmark, England, France, Germany, Hungary, Italy, Spain, and Switzerland; and two in the Western Hemisphere—Costa Rica and Puerto Rico.

Scholars in the United States receiving grants represented thirty-two universities, colleges, museums, hospitals, and other research organizations in seventeen states and the District of Columbia. Eighteen grants were for travel and research outside of the United States: six in Asia—Southeast Asia, India, Iraq, Nepal, and Thailand; five in Africa—South Africa, Tanganyika, and Uganda; four in Europe—Germany, Spain, and Switzerland; three in the Western Hemisphere—Mexico and the Caribbean.

All grants awarded during the year ended January 31, 1958, are listed below according to categories of subject matter, as follows: General and Theoretical Studies, four; Physical Anthropology, seventeen; Archeology and Prehistory, nineteen; Ethnography and Ethnology, twelve; Social Anthropology and Cultural Dynamics, five; Personality and Culture, two; Linguistics, three; Publication Subsidies, eleven; Aid to Foreign Scholars for Travel, Research, and Study in the United States, one; Aid to Societies and Institutions, thirteen; Donations, two.

### *General and Theoretical Studies*

DR. THEODORE BRAMELD of the University of Puerto Rico, Rio Piedras, Puerto Rico.—  
To aid preparation for publication of *An Anthropological Interpretation of Puerto Rican Education*

DR. MILTON D. GRAHAM of the Human Relations Area Files, New Haven, Conn.—  
To aid research on potentialities of electronic computers to anthropology

LEE ALLEN PARSONS of the Peabody Museum, Harvard University, Cambridge, Mass.—  
To aid research and preparation for doctoral thesis on anthropological museum

exhibits, under supervision of Drs. Douglas L. Oliver and J. O. Brew (Pre-Doctoral Fellowship)

DR. JAMES S. SLOTKIN of the University of Chicago, Chicago, Ill.—To aid research on means of categorizing cultural phenomena

### *Physical Anthropology*

DR. SANTIAGO ALCOBÉ of the University of Barcelona, Barcelona, Spain—To aid research on genetical differentiation of human populations in Spain

DR. BARUCH S. BLUMBERG of the University of Oxford, Oxford, England—To aid genetic studies on population of Canary Islands and The Gambia, in collaboration with Dr. Anthony C. Allison

DR. H. S. BURR of Yale University, School of Medicine, New Haven, Conn.—To aid preparation for publication of *Human Behavior and the Nervous System*

DR. CARLETON S. COON of the University of Pennsylvania, Philadelphia, Pa.—To aid collection of data for preparation of volume *The Races of the World* (renewal)

REV. J. FRANKLIN EWING of Fordham University, New York, N. Y.—To aid study of Australopithecine materials in South Africa

DR. MARIA FOLLIERI of the University of Rome, Rome, Italy—To aid research on botanic macro- and micro-fossils of the Pleistocene of Latium and Abruzzi (Richard Carley Hunt Memorial Fellowship)

DR. MARTIN GUSINDE of Catholic University, Washington, D. C.—To aid field work on somatological and physiological characteristics of Bushmen and Hottentots of South Africa (renewal)

DR. FREDERICK S. HULSE of the University of Washington, Seattle, Wash.—To aid attendance at meeting of American Association of Physical Anthropologists, Ann Arbor, April 1957

DR. JOHANNES HÜRZELER of the Museum of Natural History, Basel, Switzerland—To aid paleontological research on Oreopithecus materials in Europe (renewal)

DR. JOHANNES HÜRZELER of the Museum of Natural History, Basel, Switzerland—To aid research on fossil primates of Europe

DR. REUBEN KAHN of the University of Michigan, Ann Arbor, Mich.—To aid serological research on ethnic varieties (renewal)

DR. GEORGE KELEMEN of Harvard Medical School, Boston, Mass.—To aid comparative research on anatomical basis of phonation in animals and humans

DR. RONALD SINGER of the University of Cape Town, Cape Town, South Africa—To aid attendance at Vth INQUA Congress, Spain, 1957, and study of human fossil material in Spain and North Africa

DR. WILLIAM L. STRAUS, JR. of The Johns Hopkins University, Baltimore, Md.—To aid study of fossil remains in diverse European museums

DR. NEIL C. TAPPEN of Emory University, Emory University, Ga.—To aid research on non-human primates in Uganda, East Africa

JOZSEF VAGVÖLGYI in care of the National Academy of Sciences, Washington, D. C.—To aid morphological research at Academy of Natural Sciences of Philadelphia

DR. GERHARDT VON BONIN of the University of Illinois, College of Medicine, Chicago, Ill.—To aid research on endocasts of Australopithecines, Johannesburg, South Africa

DR. MARGARETE WENINGER of Anthropologisches Institut der Universität Wien, Vienna, Austria—To aid serological and morphological research in genetics

RICHARD W. YOUNG of Columbia University, New York, N. Y.—To aid preparation of paper on evolution of the human skull

#### *Archeology and Prehistory*

DR. ALBERTO CARLO BLANC of the University of Rome, Rome, Italy—To aid archeological research on Megalithic, Neolithic, Eneolithic, and Bronze Age cultures in Apulia and Latium

DR. ROBERT J. BRAIDWOOD of the University of Chicago, Chicago, Ill.—To aid attendance at Vth International Congress for Prehistoric and Protohistoric Sciences, Hamburg, 1958

DR. J. DESMOND CLARK of the Rhodes-Livingstone Museum, Livingstone, Northern Rhodesia—To aid participation in excavation at Sterkfontein fossil site, South Africa

PROF. GEORGE E. FAY of Southern State College, Magnolia, Ark.—To aid archeological survey of Northern Nayarit, Mexico

DR. STEPHEN FOLTINY of the Institute for Advanced Study, Princeton, N. J.—To aid publication of monograph on prehistoric site of Velemszentvid, County Vas, Hungary

DR. KENNETH HONEA of the Institut für Völkerkunde, University of Vienna, Vienna, Austria—To aid research on prehistoric origin and migrations of Hamitic peoples of Africa

DR. F. CLARK HOWELL of the University of Chicago, Chicago, Ill.—To aid investigation of Acheulian Man site in central Tanganyika

DR. FREDERICK JOHNSON of the Robert S. Peabody Foundation for Archaeology, Andover, Mass.—To aid Committee for Distribution of Radiocarbon Dates

DR. ALEX D. KRIEGER of the Municipal Museum, Riverside, Calif.—To aid attendance at Vth INQUA Congress, Spain, 1957

DR. JOHN O. OUTWATER, JR. of the University of Vermont, Burlington, Vt.—To aid analysis of pre-Columbian construction techniques

- COUNT DR. FRANCESCO PELLATI of the Istituto Italiano di Paleontologia Umana, Rome, Italy—To aid research on chronology and paleoecology of Mousterian and Upper Paleolithic sites of Monte Circeo and Sperlonga, Italy
- DR. LUIS PERICOT of the University of Barcelona, Barcelona, Spain—To aid study of Paleolithic sites in East and South Spain
- RALPH S. SOLECKI of Columbia University, New York, N. Y.—To aid archeological research in Shanidar cave, northern Iraq (renewal)
- DR. GEORGE SZABÓ of New York, N. Y.—To aid research on mining methods in Carpathian Basin from Paleolithic Age to Early Middle Ages (Richard Carley Hunt Memorial Fellowship)
- MARIA TASCHINI of the University of Rome, Rome, Italy—To aid research on Paleolithic sites of Pontine region, under supervision of Dr. Alberto C. Blanc (Pre-Doctoral Fellowship)
- DR. GORDON R. WILLEY of the Peabody Museum, Harvard University, Cambridge, Mass.—To aid recording of the memoirs and reminiscences of Dr. A. V. Kidder
- BERTRAM O. WYMER of Surrey, England—To aid further excavations at Swanscombe site, Kent, England (renewal)

#### *Ethnography and Ethnology*

- WILLIAM Y. ADAMS of the University of Arizona, Tucson, Ariz.—To aid research on role of the trader in modern Navajo community, under supervision of Dr. Emil W. Haury (Pre-Doctoral Fellowship)
- DAVID M. BRUGGE of Gallup Indian Community Center, Gallup, N. M.—To aid ethnological and linguistic study of Pima Bajo in Mexico
- DR. HAROLD C. CONKLIN of Columbia University, New York, N. Y.—To aid final editing of ethnographic film, *The Hanunóo*
- PROF. RAYMOND FIRTH of The London School of Economics and Political Science, London, England—To aid preparation for publication of material on Polynesian music
- DR. ETA HARICH-SCHNEIDER of Vienna, Austria—To aid field study of Goze mendicant musicians' guild, North Honshu, Japan
- DR. WALTER HIRSCHBERG of the University of Vienna, Vienna, Austria—To aid ethnological research of early Egyptian influences on Negro Africa
- DR. ANNA HOHENWART-GERLACHSTEIN of the Institut für Völkerkunde, Vienna, Austria—To aid ethnological research on the Beja of Sudan
- DR. ANDREAS KRONENBERG of the Institut für Völkerkunde, Vienna, Austria—To aid ethnological research among Nuba tribes of Kordofan, Sudan
- GERTRUDE KURATH of Ann Arbor, Mich.—To aid recording of Tewa Indian folk music

LUELLA COLE LOWIE of Berkeley, Calif.—To aid preparation for publication of field notes and papers of the late Dr. Robert H. Lowie

PROF. I. SCHAPERA of The London School of Economics and Political Science, London, England—To aid ethnographical and historical studies among Kalanga tribes, Southern Rhodesia

DR. JOSEPH E. SPENCER of the University of California, Los Angeles, Calif.—To aid research on evolution of primitive agriculture in Southeastern Asia (Richard Carley Hunt Memorial Fellowship)

### *Social Anthropology and Cultural Dynamics*

DR. INEZ DE BEAUCLAIR of the Institute of Ethnology, Academia Sinica, Taipei, Formosa—To aid research on intercultural relations between Botel Tobago and Batan Islands

DR. FRED EGGAN of the University of Chicago, Chicago, Ill.—To aid research in Southeast Asia on anthropological and social science problems

PROF. CHRISTOPH VON FÜRER-HAIMENDORF of the University of London, London, England—To aid anthropological research in Nepal

DR. FERDINAND E. OKADA of the American Museum of Natural History, New York, N. Y.—To aid community study of a Nepalese village (renewal)

DR. HORTENSE POWDERMAKER of Queens College, Flushing, N. Y.—To aid preparation for publication of African field data (renewal)

### *Personality and Culture*

DR. IAGO GALDSTON of the New York Academy of Medicine, New York, N. Y.—To aid attendance as Foundation representative at 2nd International Congress for Psychiatry, Zürich, 1957

DR. FRANCIS L. K. HSU of Northwestern University, Evanston, Ill.—To aid research in India on basic sources of tensions among human groups (renewal)

### *Linguistics*

DR. JOSEPH H. GREENBERG of Columbia University, New York, N. Y.—To aid research on distribution and classification of non-Austronesian languages of the Pacific

DR. JOHN LOTZ of the Language and Communication Research Group, Columbia University, New York, N. Y.—To aid research in language and communication (renewal)

HARVEY PITKIN of the University of California, Berkeley, Calif.—To aid field research on Wintu language, under supervision of Dr. Mary R. Haas (Pre-Doctoral Fellowship)

### *Publication Subsidies*

AMERICAN ANTHROPOLOGICAL ASSOCIATION (through Dr. Walter Goldschmidt of the University of California, Los Angeles, Calif.)—To aid publication of A.A.A. Memoir on a survey of anthropology in Japan

AMERICAN ANTHROPOLOGICAL ASSOCIATION (through Dr. Walter Goldschmidt of the University of California, Los Angeles, Calif.)—To aid publication of papers from conference on Natural Selection in Man

DR. KAJ BIRKET-SMITH of the Nationalmuseet, Copenhagen, Denmark—To aid publication of English edition of *Kulturens Veje*

BRANDEIS UNIVERSITY, Waltham, Mass.—To aid publication of Festschrift in honor of Prof. Paul Radin, under direction of Dr. Stanley Diamond

HAMBURGISCHES MUSEUM FÜR VÖLKERKUNDE UND VORGESCHICHTE, Hamburg, Germany—To aid publication of volume in honor of Dr. Franz Termer, under direction of Dr. Wilhelm Bierhenke

HUMAN RELATIONS AREA FILES, New Haven, Conn.—To aid publication of bibliographies on foreign areas and peoples, under direction of Dr. Clellan S. Ford

INTERNATIONAL CONGRESS OF ANTHROPOLOGICAL AND ETHNOLOGICAL SCIENCES (through Dr. Robert Heine-Geldern of Vienna, Austria)—To aid publication of proceedings of IVth session of International Congress of Anthropological and Ethnological Sciences, Vienna (renewal)

DR. F. D. McCARTHY of the Australian Museum, Sydney, Australia—To aid publication of *The Distribution and Chronology of Some Important Types of Stone Implements in Western Australia*

DR. ROBERT MCKENNAN of Dartmouth College, Hanover, N. H.—To aid publication of *Indians of the Upper Tanana*

DR. ARTHUR E. MOURANT of the Lister Institute, London, England—To aid publication of *World ABO Frequency Tables*

DR. STANLEY S. NEWMAN of the University of New Mexico, Albuquerque, N. M.—To aid publication of Zuni dictionary

### *Aid to Foreign Scholars for Travel, Research, and Study in the United States*

DR. JAMES M. TANNER of the University of London, London, England—To aid visit to child growth research laboratories in the United States

### *Aid to Societies and Institutions*

AMERICAN ANTHROPOLOGICAL ASSOCIATION (through Dr. E. Adamson Hoebel of the University of Minnesota, Minneapolis, Minn.)—To aid distribution of reprints of *American Anthropologist* to foreign contributors

- ANTHROPOLOGISCHES INSTITUT DER UNIVERSITÄT WIEN, Vienna, Austria—To aid purchase of casts of fossil men, under direction of Dr. Josef Weninger (two grants)
- INSTITUT DE PALÉONTOLOGIE HUMAINE, Paris, France—To aid Library of Institut de Paléontologie Humaine, under direction of Dr. Henri V. Vallois
- 33RD INTERNATIONAL CONGRESS OF AMERICANISTS, San José, Costa Rica (through Dr. Doris Z. Stone of the Museo Nacional de Costa Rica, San José, Costa Rica)—To aid 33rd International Congress of Americanists, San José, Costa Rica, July 1958
- MUSÉE DE L'HOMME, Paris, France—To aid ethnological film program of Musée de l'Homme, under direction of Dr. Henri V. Vallois
- NATIONAL RESEARCH COUNCIL, Washington, D. C.—To aid preparation for publication of 4th edition of *International Directory of Anthropologists*, under direction of Dr. Erminie Wheeler-Voegelin
- NATIONAL RESEARCH COUNCIL (through Dr. George P. Murdock of Yale University, New Haven, Conn.)—To aid participation of American anthropologists at Ninth Pacific Science Congress, Bangkok, 1957
- NEW YORK ACADEMY OF MEDICINE, New York, N. Y.—To aid anthropological phase of Institute in Social and Historical Medicine, 1957
- NEW YORK ACADEMY OF MEDICINE, New York, N. Y.—To aid anthropological part of 1957 Eastern States Health Education Conference
- ROYAL ANTHROPOLOGICAL INSTITUTE, London, England—To aid reestablishment of Institute's library (renewal)
- YALE UNIVERSITY, PEABODY MUSEUM OF NATURAL HISTORY, New Haven, Conn.—To aid anthropological research in Caribbean and elsewhere, under direction of Prof. Cornelius Osgood (renewal)
- YALE UNIVERSITY SCHOOL OF LAW, New Haven, Conn.—To aid research on relation between legal philosophy and cultural values (renewal)

#### *Donations*

- DR. JÁNOS NEMESKÉRI of the Museum of Natural History, Budapest, Hungary—Emergency aid to Hungarian anthropologists for purchase of Salk vaccine to combat epidemic
- UNITED HOSPITAL FUND, New York, N. Y.—Donation (renewal)

#### GRANTS COMPLETED DURING THE YEAR

The preceding section of the annual report listed all grants awarded during the past year, by title and name of recipient. Of more significance is this section reporting the achievements of projects for which aid previously had been extended. The seventy-six statements which follow comprise brief summations

of all grants completed during the past year; on many, publications reporting full results are still forthcoming.

#### *General and Theoretical Studies*

Through a grant appropriated in June 1955, Mr. NICKOLAS MURAY of New York, New York, was enabled to undertake a project of world-wide archeological and ethnographical photographic recording. On a trip extending for over a year and covering many ports of call, Mr. Muray took extensive photographs of ethnological and archeological interest. All of the photographs will be made available to the anthropological profession as visual aid material or as illustrations in publications of a non-profit nature.

A grant was appropriated in March 1957 for the NEW YORK ACADEMY OF MEDICINE, New York, New York, to aid the anthropological part of the 1957 Eastern States Health Education Conference held in New York City on April 25 and 26. As the subject of the Conference was *The Family in Contemparary Society*, it was felt that only by orienting the study within an anthropological framework could an adequate perspective on the family be gained. Keynoting this concept was the initial address by Dr. Marvin K. Opler entitled "History of the Family as an Anthropological and Sociological Institution." By introducing anthropology through such means as the Eastern States Health Education Conferences, it is hoped that the data and viewpoints of anthropology become meaningful to the medical and public health profession. Transactions of the Conferences are currently in the process of publication.

Dr. THEODORE BRAMELD of New York University, New York, New York, was awarded grants in June 1955 and March 1956 which enabled research to be carried out on educational patterns and relationship of anthropological theory to education. While acting as Visiting Professor at the University of Puerto Rico, Rio Piedras, Puerto Rico, Dr. Brameld collected data on this subject through field trips and conferences. His findings will be incorporated in a volume entitled, *An Anthropological Interpretation of Puerto Rican Education*, which is presently in preparation.

In October 1956 a grant was appropriated for Dr. DAVID BIDNEY of Indiana University, Bloomington, Indiana, to aid a lecture and research trip to Europe and Israel on theoretical anthropology and ethnology of religion. During the course of the trip carried out from February through April 1957, Dr. Bidney visited the leading universities in Great Britain in order to learn the nature of the research being conducted there and the facilities available for the teaching of anthropology, and to study collections of ethnological material. In addition to participating in several anthropological seminars, Dr. Bidney

gave lectures on the study of cultures and the humanities. Due to the then existing tense political situation, travel to Israel was eliminated. Dr. Bidney is now in the process of preparing several papers for publication.

A grant was awarded in September 1957 to Dr. MILTON D. GRAHAM of the Human Relations Area Files in New Haven, Connecticut, to aid research on potentialities of electronic computers to anthropology. In a paper read before the fifty-sixth annual meeting of the American Anthropological Association, Dr. Graham elaborated on potential uses of computers in anthropological research. These uses are conventional data processing techniques, information storage and retrieval, and basic research. Dr. Graham's paper has been submitted to the *American Anthropologist* for publication.

#### *Physical Anthropology*

Dr. J. C. TREVOR of the Faculty of Archaeology and Anthropology of the University of Cambridge, Cambridge, England, was awarded a grant in June 1955 to aid an investigation of ancient skeletal remains in Crete and Sardinia, by which the physical appearance of the ancient Minoans of Crete could be reconstructed. During the summer of 1955, Dr. Trevor travelled in Crete where some fifty Middle Minoan crania and numerous limb bones from Knossos were repaired and measured. A series of mandibles from the same source and of the same age were lent to the University of Cambridge for study. Results from this research were incorporated in a series of lectures delivered at the University of Edinburgh in February of 1956.

An award was made to Dr. WILHELM EHGARTNER of the Department of Prehistory, Museum of Natural History, Vienna, Austria, in April 1954 to aid preparation for publication of research on early bronze age skeletal remains from Hainburg, Austria. The work, *Die Schädel aus dem frühbronze zeitlichen Gräberfeld aus Hainburg, Niederösterreich*, was completed during 1956 and served as Dr. Ehgartner's qualifying thesis to obtain the Venice Legendi for physical anthropology at the University of Vienna.

In April 1956, a grant was awarded to Dr. H. B. S. COOKE of the University of the Witwatersrand, Johannesburg, South Africa, to aid a study in Europe of Quaternary mammalian fossil materials from Australopithecine and human-occupied sites of South Africa. Already in England, Dr. Cooke was enabled by the Wenner-Gren Foundation grant to extend his project to continental Europe as well. Beginning in June of 1956, Dr. Cooke studied and photographed at the Museum of Natural History in Paris an important collection of fossil mammals from Omo in Abyssinia. The Omo fauna, believed to be of Villafranchian age, is, in general, comparable with the early fauna of the

South African Australopithecine deposits. Study of this material provided a background of data which enabled an understanding and interpretation of the fossil finds at the Makapan Limeworks Deposit and a paper entitled "Fossil Bovidae from the Limeworks Quarry, Makapansgat, Potgietersrus" was written on these finds in cooperation with Professor L. H. Wells. Continuing his travels from Paris, Dr. Cooke visited museum collections and Quaternary sites and conferred with local scholars in Belgium, Holland, Germany, and Italy. In mid-July Dr. Cooke left for South Africa with a five-day stay in Nairobi where the expanded collection of fossil material in the Coryndon Museum was examined.

Grants in March 1956 and June 1956 were awarded to Dr. F. CLARK HOWELL of the University of Chicago, Chicago, Illinois, which enabled him to attend a symposium on Neanderthal man in Düsseldorf, Germany, and to study fossil remains in diverse European museums. Dr. Howell arrived in Europe in June 1956 and for the two months prior to the International Symposium in Düsseldorf, he examined collections of Neanderthal human remains at various museums and universities in Belgium, France, Switzerland, and Germany. Dr. Howell also visited some prehistoric sites specifically concerned with Upper Pleistocene paleoanthropology and geology in Southern France; Clypot and Goderville in Belgium; and Württemberg, Germany, where he conferred with scholars on the field or in museums and universities. From August 26th through August 30th, Dr. Howell attended the International Symposium in Düsseldorf, and presented a paper entitled "Levalloiso-Mousterian Man in Southwestern Asia and the Neanderthal Problem." He also visited various prehistoric collections in London and Cambridge.

An appropriation in April 1957 for Dr. WILLIAM L. STRAUS, JR. of The Johns Hopkins University in Baltimore, Maryland, aided the study of fossil remains in diverse European museums. In the course of his trip from May to September 1957, Dr. Straus carried out studies on the Oreopithecus material in Basel with Dr. Johannes Hürzeler of the local museum, and on the Pliopithecus material in Vienna. He also stopped in Paris to review the paintings of living primates. As a result of his studies, Dr. Straus wrote an article entitled "Oreopithecus bambolii," which was published in *Science* in August of 1957.

In October 1951 a grant was awarded to Dr. JOSEPH B. BIRDSSELL of the University of California, Los Angeles, California, and ROY T. SIMMONS of the Commonwealth Serum Laboratories, Parkville, Victoria, Australia, to aid a coordinated serological survey of Austral-Asia and Southeast Asia, including India. This grant was to aid the extension and continuation of the genetical survey commenced two years previously under a grant from the Wenner-Gren

Foundation. Genetical analyses have been published, based upon blood samples flown to the Commonwealth Serum Laboratories from aboriginal groups in Australia, Fiji, New Caledonia, the Admiralty Islands, the southern coastal region of New Guinea, Leyte in the Philippines, northern Hokkaido, India, and New Zealand. Blood and saliva samples have also been tested from groups in the Gilbert Islands, Borneo, and two provinces in China. It is intended that the results will make possible a genetical analysis of race, furnishing a wide range of material for the investigation of the processes of evolution, including selection, hybridization, drift, and mutation, which have produced differentiation of human populations.

Dr. WILLIAM LAUGHLIN of the University of Wisconsin, Madison, Wisconsin, was awarded funds in April 1956 which enabled him to purchase blood-typing sera, and other equipment for blood typing research at Holsteinborg, West Greenland. Research on over one hundred Greenlanders was carried out and blood specimens and saliva samples were sent to Dr. Karl Hennigsen of the Universitets Retsmedicinske Institut for typing, comparison, and secretor tests. "Holsteinsborg Blood Groups," a collaborative study based on Dr. Laughlin's field typing and the laboratory studies on some of the same specimens by Drs. K. Hennigsen, H. Görtler, and R. Grubb of Copenhagen and Lund, is in preparation. Two articles resulting from this research appeared in 1956: "Human Anatomical Knowledge among the Aleutian Islanders," in *Southwestern Journal of Anthropology* and "Trends in Aleutian Chipped Stone Artifacts," in *Anthropological Papers of the University of Alaska*, both by Dr. Laughlin and Gordon H. Marsh.

In March 1957 an award was made to Dr. NEIL C. TAPPEN of the Department of Anatomy, Emory University, Emory University, Georgia, to aid research on non-human primates in Uganda, East Africa. This grant enabled Dr. Tappen to collect primate specimens and to hire natives to help in the hunting and processing of the monkeys secured. All together approximately three hundred monkeys of eleven separate species were collected and shipped to the United States for continuing research on the locomotor anatomy of the animals. Through detailed study of the anatomy of these specimens it is hoped that knowledge of the chromosomes, locomotion, and skull structure will be obtained. It is intended that this knowledge be then applied to various problems of human genetics, of primate and human evolution and to understanding similarities and differences of primate adaptation to arboreal and terrestrial movements.

Dr. FREDERICK S. HULSE of the University of Washington, Seattle, Washington, was enabled to attend the annual meeting of the American Association of Physical Anthropologists held at Ann Arbor in April 1957 by an appropria-

tion awarded in March 1957. Dr. Hulse presented a paper to his colleagues on the effects of village exogamy on growth, based on his research in the Canton of Ticino, Switzerland, and among peoples of Ticinese origin or ancestry in California.

Professor Božo ŠKERLJ of the University of Ljubljana, Ljubljana, Yugoslavia, was awarded a grant in June 1955 to aid a study in Sweden of methods for computing gross tissue in the living. In the Spring of 1956, Dr. Škerlj went to Sweden where discussions were held with Professor Hjortsjö and Dr. Lindgard of the Anatomical Institute at the University of Lund concerning methods of investigating human body dimensions. Dr. Škerlj also visited Stockholm and Copenhagen where he conferred with various scholars in his field.

#### *Archeology and Prehistory*

In May 1954 an award was given to Oxford University, Oxford, England, to aid a project in X-ray spectrometry in the Archaeological Research Laboratory, under the direction of Professor C. F. C. HAWKES. This grant enabled the Laboratory to establish itself as a permanent department of the University and to embark on various projects of analysis of metal artifacts, glass, ceramics, paintings, textiles, etc. Chiefly, these analyses aimed at establishing the veracity and age of the artifacts examined, and at determining geographical origins and degree of presence of ores used in the artifacts. One of the most extensive of these projects was conducted on Chinese Blue-and-White ware. At the end of 1956 a new and superior fluorescent spectrometer was installed, with which it was hoped faster and better controlled analyses would be obtained.

Appropriations were awarded in April 1953 and October 1954 to the University of Manitoba, Winnipeg, Canada, to aid research on the development of a liquid scintillator technique for accurate dating of natural radio-carbon-bearing materials. With the assistance of other members of the Departments of Chemistry and Physics at the University of Manitoba, the Directors of the project, Drs. ROBERT W. PRINGLE and BORIS L. FUNT, were able to develop a new dating process, which can be used on any samples bearing radio active carbon from 40,000 years back. This process employs a liquid scintillator which incorporates in the liquid the material for dating, where it produces light flashes registered by an electronic eye. Another method, using a less elaborate chemical synthesis and thereby lowering the fluorescence efficiency, was also studied and found suitable for routine analysis, giving results to 37,000 years. Resulting from this research were numerous publications.

A grant was awarded in May 1954 to the Council for Old World Archaeology, Cambridge, Massachusetts, to aid the initiation of publication,

under direction of Dr. LAURISTON WARD, of an annual survey of news and bibliographies on Old World Archaeology to include current archeological activities in Europe, Africa, Asia and Oceania and a companion series of current archeological bibliographies. An extensive and elaborate system of card files was compiled covering foreign and American archeologists, archeological journals and learned societies for effective distribution and operation. In addition, an editorial organization was created to prepare and aid in the publishing of the surveys and bibliographies. As part of the latter, area editors, covering twenty-one of the twenty-two arbitrarily determined areas of the Old World, were appointed. In December 1957, the first Surveys and Bibliographies for six of the areas appeared, and it is planned to eventually follow these with similar publications for other areas.

In April 1954 and January 1955, grants were awarded to the University of California, Berkeley, California, to aid research on the role of the Incas in Peruvian culture history, under the direction of Dr. JOHN H. ROWE. In addition to the director, the field staff included Dr. Dorothy M. Riddell, Dwight T. Wallace, Lawrence E. Dawson, Francis A. Riddell and David A. Robinson, each with an independent yet interrelated research problem. Through extensive archeological survey and exploration, the expedition worked out a detailed chronology of Nazca pottery designs and the definition and chronological relationships of the pottery grouped together as the Tiahuanaco Horizon and the post-Tiahuanaco, as well as extension of the chronological sequence at Cuzco. It was found that in the pottery of the former group, there is not one homogeneous Tiahuanaco style covering the area from Central Bolivia to northern Peru, but rather a series of related styles. Archeological work confirmed the evidence of historical documents and ethnological observations that the South Coast was not one of the areas where the local cultures were successfully assimilated to a common Inca pattern following the Inca conquest. Cooperation for this expedition was received from Dr. Jorge C. Muelle, Dirección de Arqueología e Historia in Lima and Professors Oscar Núñez del Prado and Manuel Chávez Ballón of the National University of Cuzco. Publications resulting from this project were as follows: "The Role of the Incas in Peruvian Culture History" in *Yearbook of the American Philosophical Society*, 1955; "Archeological Explorations in Southern Peru, 1954-1955" in Volume XXII of *American Antiquity*; and "La Cuarta Expedición Arqueológica al Perú de la Universidad de California (Berkeley)," in *Bibliographical Bulletin of American Anthropology*.

In March 1955, an award was made for the Oriental Institute of the University of Chicago, Chicago, Illinois, to aid archeological research in the Chemchemal Valley, northeastern Iraq, under the direction of Dr. ROBERT J.

BRAIDWOOD. The funds appropriated were utilized for further digging at the site of the village of Jarmo which Dr. Braidwood had discovered some six years previous. This site, dated by Dr. Willard Libby at some five thousand years B.C., marks the first great revolution in man's technology, when he stopped being a hunting, fishing and food-gathering wanderer and settled down to grow crops and to domesticate animals. The expedition sent to Jarmo under this grant included a zoologist and a botanist who studied the extant animal and plant life of the area for comparison with excavated remains; a geologist who examined rocks for evidence of meteorological as well as geological changes; and a radiocarbon specialist. Through the findings of the specialists from the various disciplines, much was learned about the changes that have taken place in Jarmo's plant and animal life. Dr. Braidwood has published several books and articles based on the research at this site.

The University of Utah in Salt Lake City, Utah, was awarded grants in October 1951 and March 1955 to aid research on archeological data from Wendover, Utah, and reassessment of Great Basin cultures by DR. JESSE D. JENNINGS. During the digging season of 1953 a recheck of the data previously recovered at Danger Cave was carried out. This material was worked into the previously accumulated data and a number of articles were published by Dr. Jennings and his colleagues over a period of time. In 1957, the Society for American Archaeology and the University of Utah Press, aided by part of the Wenner-Gren Foundation grant, jointly published Dr. Jennings' book, *Danger Cave*, which provides an exhaustive analysis of the contents of Danger Cave where thirteen feet of cultural debris covered an approximate range of time from 9000 B.C. to the present. In addition to the descriptive report, Professor Jennings developed the concept of the Desert culture, which he regards as having been coexistent with the Big Game Hunting cultures of the Plains and as having shown remarkable stability from its earliest occurrence to the historic present.

Through grants awarded in January and October 1956, work on research in statistical analysis of prehistoric cultures in Africa and Western Europe, under direction of Professor C. van Riet Lowe, was carried out by REVIL JOHN MASON of the University of the Witwatersrand in Johannesburg, South Africa. Some time was spent with Dr. L. S. B. Leakey in Nairobi where Mr. Mason tested his analytical method on materials from Abyssinia, Somaliland, Kenya, and Tanganyika. Material available in collections in Rome and southern England were studied, and a comparison was made of the methods used by western European workers in statistical studies of Stone Age industries. These studies and comparisons aided Mr. Mason in modifying and extending his technique of analysis which is dependent upon the application of simple statistical techniques within conventional archeological methodology, having

its basis in a simple and standardized method of artifact classification. The method has been found effective in the analysis of "static" culture content and "dynamic" culture change and furnishes a new precision in the examination of these problems. An article by Mr. Mason about Middle Stone Age Statistical Analysis appeared in the December 1957 issue of the *South African Archaeological Bulletin*.

In February 1954, an appropriation for Dr. J. DESMOND CLARK of the Rhodes-Livingstone Museum in Livingstone, Northern Rhodesia, aided research on pebble industries of breccia deposits in the Lusaka district of Northern Rhodesia and of limestone quarries in Leba, near Humpata, Angola. Excavations carried out during 1954 and 1956 on Twin Rivers kopje revealed information on the culture associated with *Homo rhodesiensis*—the Rhodesian proto-Stillbay. The Twin Rivers industry also provided the first opportunity of a detailed analysis of this early Middle Stone Age culture where quartz was the predominant raw material. This find is believed to have far-reaching regional application since quartz was frequently used on the central plateau. In addition to certain local characteristics, the industry reveals features linking it on one hand with the Congo basin and, on the other, with the savannah regions. The stratigraphy of a small cave or sink hole indicated important factors about the climate of the area, while the excavations as a whole provided a valuable addition to knowledge concerning the early half of the Middle Stone Age and the essentially modern nature of the Gamblian Fauna. Several articles written by Dr. Clark on the basis of this research appeared in South African publications.

In May 1954, an appropriation was awarded to the Peabody Museum of Archaeology and Ethnology of Harvard University, Cambridge, Massachusetts, to aid archeological research at Red Hill Site, Catron County, New Mexico, under the direction of Dr. J. O. BREW. The research party spent ten weeks of the summer of 1954 in the field. Work was concentrated on Pueblo 1 and Pueblo 2 section of the Red Hill Site, and key structures of Basketmaker III section. Numerous storage structures, pithouses, and hearths were excavated. Results of the excavations presented a developmental sequence for the three above-mentioned periods in Western New Mexico at a point not far north of the Mogollon Rim. They show a vigorous culture with standard Puebloan features in these early periods in a region where they had previously been unknown. Three manuscripts dealing with this expedition, which began in 1947 and continued through 1954, have been completed.

An appropriation was awarded in May 1951 to the Museo Nacional de Antropología e Historia, Mexico, D.F., which enabled MURIEL NOÉ PORTER to prepare for publication a manuscript dealing with archeological material

from Chupicuaro. The resulting publication, "Excavations at Chupicuaro, Guanajuato, Mexico," appeared in *Transactions of the American Philosophical Society*, Volume 46, Part 5, December 1956.

An appropriation in January 1953 was awarded to The National Museum in Manila, Philippines, to aid WILHELM G. SOLHEIM in conducting archeological research under direction of Dr. Eduardo Quisumbing. In addition to the excavations carried out from May 1951 to June 1953 at Kulany Cave and at two sites on Batungan Mountain, a map was made of the top of Batungan Mountain, indicating locations of the major caves. An article entitled "The Batungan Cave Sites in Masbate, Philippines" appeared in *Proceedings of the Fourth Far-Eastern Prehistory and the Anthropology Division of the Eighth Pacific Science Congress Combined* in 1955. The concluding report on the project has been completed and will be published in the *Philippine Journal of Science*.

In October 1955, an appropriation was awarded to Dr. A. H. ANDERSON of the Colonial Secretary's Office, Belize, British Honduras, to aid excavations of an ancient Maya site in Caracol, Cayo District, British Honduras. Excavation of what is believed to be the main ceremonial center of the Caracol site indicates that occupation extended over at least 400 years. The site covers about one square mile and is a complexity of pyramids, courts, plazas, masonry buildings, and terraces. Beginning in March of 1956 and continuing through April, digging was devoted mainly to clearing the lower of two burial chambers found superimposed one upon the other. The upper chamber had been previously excavated. Dr. Anderson attended the Third International Congress of Americanists at Copenhagen in August 1956 as the official delegate from British Honduras, and there presented a paper entitled "Recent Discoveries at Caracol Site, British Honduras."

In May 1956 and February 1957, grants were awarded to RALPH SOLECKI of Columbia University, New York, New York, to aid archeological research in Shanidar Cave, northern Iraq. Two new village sites in Shanidar valley as well as Shanidar cave were surveyed during the Fall 1956 season. An infant skeleton, the first paleolithic one to be found in Iraq, was discovered in Shanidar cave. This fossil was determined by Dr. Muzaffer Senyurek of the University of Ankara to combine characteristics of both Neanderthal man and Homo Sapiens. In Spring 1957 field work was resumed and an additional find was made of two adult Neanderthal skeletons in an unfossilized state. The first, of "Conservative" Neanderthal type, lacking the Homo Sapiens features of "Progressive" types found at Mount Carmel, was found in the upper Moustierian Layer, placing it at about 45,000 years. Two Neolithic skeletons also were recovered from Shanidar cave. In addition, soil samples for pollen and

geological analysis were taken, as well as carbon for radiocarbon analysis and animal bones and shells for identification, all of which will be studied to determine prehistoric ecologic conditions in Shanidar valley.

Grants in January 1952 and April 1953 to the Peabody Museum of Archaeology and Ethnology, Harvard University, Cambridge, Massachusetts, aided preparation for publication of results of archeological research at La Colombière, eastern France, by Drs. HALLAM L. MOVIUS, JR. and SHELDON JUDSON, both of the Peabody Museum at Harvard University. The primary objective of the expedition to La Colombière, which took place in 1948 through 1950, was the attempt to date the time when the Upper Palaeolithic locality of La Colombière was occupied by Stone Age Man. During the 1950 season it was found that there was positive evidence regarding the age of the La Colombière Terrace. A final draft of the monograph was completed during April of 1955, and was published in May 1956 under the title of "The Rock-Shelter of La Colombière: Archeological and Geological Investigations of an Upper Périgordian Site near Poncin (Ain)," as *Bulletin No. 19* of the American School of Prehistoric Research, Peabody Museum of Harvard University.

Grants were awarded to the University of the Witwatersrand in Johannesburg, South Africa, in January 1953 and January 1955 to aid excavations of the Cave of Hearths, Makapan's Caves in the Transvaal, South Africa, under the direction of Professor C. VAN RIET LOWE. Upon the death of Professor van Riet Lowe in June of 1956, the project was taken over by Professor Raymond A. Dart who carried the work at the site to completion. The culture sequence at this site was found to extend from three basal beds of the Fauresmith Culture through six superposed beds of the Pietersburg Culture and two of the Smithfield Culture to the uppermost horizon, an Iron Age deposit whose industry is given the status of the Makapan Culture. Many thousands of artifacts and animal fossils were recovered which illustrate the archeology and animal paleontology of these various horizons. The culture sequence enabled the development of a new analytical technique for Stone Age cultures, described by Revil J. Mason in an article, "The Transvaal Middle Stone Age and Statistical Analysis," published in the *South African Archaeological Bulletin*, December 1957. A monograph by specialists in prehistoric archeology, macro- and micro-fauna, physical anthropology, cave mineralogy, and geology is expected to be completed by mid-1958.

Dr. DOROTHY A. E. GARROD of Cambridge University, Cambridge, England, received a grant in July 1953 to aid research and publication on paleolithic material in the Palestine Museum from the Caves of Emireh and Kebara. Dr. Garrod was in Jerusalem from November 1953 to February 1954 where she made catalogues and illustrations of the Emireh and Kebara Caves. Result-

ing from this work, the following publications have appeared: "Excavations at the Mugharet Kebara, Mount Carmel, 1931: The Aurignacian Industries," *Proceedings of the Prehistoric Society*, Volume XX, and "The Mugharet el-Emireh in Lower Galilee: Type-Station of the Emiran Industry," *The Journal of the Royal Anthropological Institute of Great Britain and Ireland*, Volume 85, Parts I and II, January-December 1955.

In February 1957, an appropriation to Dr. J. DESMOND CLARK of the Rhodes-Livingstone Museum, Livingstone, Northern Rhodesia, made possible his participation in the excavation at the Sterkfontein fossil site in South Africa. In March of 1957, Dr. Clark accompanied Dr. J. T. Robinson and Dr. C. K. Brain, both of the Transvaal Museum, Pretoria, Professor B. D. Malan and Dr. John Revil Mason of the Archaeological Survey, Johannesburg, to visit the excavation site to examine and discuss recovered materials found in two breccias and believed to be tools. Even though these implements were uncovered from an area of only six cubic feet and therefore may not be representative samples of the entire site, Dr. Clark had no doubt but that these are tools made by man. These tools, which are predominately made from dolerite pebbles and some rare pieces of quartz, are divisible into six groups: 1) pebble choppers; 2) biconvex choppers, or flattened polyhedrals; 3) polyhedral stones; 4) a few simply split pebbles and worked fragments of quartz; 5) a few pebbles, or hammer stones, showing battering and bruising; and 6) one small flake of quartzite showing a prominent bulb, inclined and plain striking platform and no secondary working. Dr. Clark also reached the following conclusions: "It would not seem that there is any very great difference in time between the disposition of the [two] breccias since Australopithecus and the tools occur in both," and that "the tools appear to have been carried into the cave and discarded near where the original cave entrance is believed to have been. If these tools represent the typical and most evolved end-products, then the industry or industries of which they form an integral part must be of Pre-Chelles-Acheul or the latest of Stellenbosch I age. As such," Dr. Clark believes, "they are of the greatest interest since this (with Swartkrans) is the only sealed living site of this time known anywhere in southern Africa. The discovery of these tools suggests that it may be necessary to revise previous opinions regarding the time when man first occupied caves in Africa and the circumstances which caused him to frequent them." If further excavation of the Sterkfontein cave reveals that it was occupied, "then it is much more likely that the bone accumulations were the result of human activity rather than of carnivores or the Australopithecines." As to the posed question of whether the tools could have been made by Australopithecus, "anatomical considerations suggest that it is unlikely that man-apes had the mental ability to make tools and it is much more probable that these

were the work of a still unidentified form of Homo. The *Telanthropus* fragments and the status claimed for them by Dr. J. T. Robinson now therefore take on renewed significance."

Grants were awarded to Dr. CHESTER S. CHARD, Chestnut Hill, Massachusetts, in November 1953 and October 1955 to aid research on archeology of the Okhotsk Sea region, from Japanese sources. Under Dr. Chard's direction, Frank Motofuji of Berkeley completed translation of the monographs by Osamu Baba dealing with archeological work in the northern half of the Okhotsk Sea and all data on the northern Kurile Islands. Based on these translations, Dr. Chard wrote an article entitled "Chronology and Culture Succession in Northern Kuriles," which was published in *American Antiquity*. Dr. Chard assembled, and subsequently Mr. Motofuji translated, all pertinent major sources which could be located in the United States. A preliminary analysis of the information, which these articles provided on several otherwise archeologically unknown areas, suggest that while the cultures of this area do in some cases represent some influences from those sources that were also affecting aboriginal America, they did not contribute directly to the cultural development of the New World, nor did they serve as a route of transmission.

Appropriations for Dr. JOHN OGDEN OUTWATER of the Massachusetts Institute of Technology, Cambridge, Massachusetts, to aid quantitative analysis of Aztec stonemasonry techniques were made in June 1955 and May 1956. During the summer of 1955, Dr. Outwater travelled to Mexico and visited various sites where he was assisted by Eduardo Noguera of the Instituto Nacional de Antropología e Historia in obtaining data and samples for subsequent analysis of stonemasonry techniques. A report based on the summer's research appeared later that year in *American Antiquity*. During the Summer of 1956, on a return trip to the same sites, Dr. Outwater had the assistance and advice of Leonard Sullivan, Jr., a practicing engineer. Together they did further investigation into the matters of determining the dates of monuments, the techniques involved in construction and cutting the necessary stone and the purposes of the buildings studied. Based on these finds, *American Antiquity* in January 1957 printed Dr. Outwater's article, "The Pre-Columbian Stonemasonry Techniques of the Mexican Plateau."

In May 1957, Dr. ALEX D. KRIEGER of the Municipal Museum in Riverside, California, was awarded funds to aid attendance at the Vth INQUA Congress held in Spain from September 20 through October 3, 1957. While at the Congress, Dr. Krieger delivered a paper entitled "Archaeological Chronology in America with Reference to Late Pleistocene Chronology and C-14 Dating." He also took part in an extensive INQUA tour of the eastern coast of Spain, Mallorca, and the vicinity of Barcelona. In the course of this tour

a number of museums and Paleolithic sites were visited. Independently, Dr. Krieger travelled in northern Spain for nearly two weeks viewing caverns, excavations, and museums. In Madrid, the last stop before returning to this country, he visited the national archeological museum in an attempt to locate archives pertaining to early Spanish explorations in the southeastern and southwestern United States.

A grant for the Institut Francais d'Etudes Andines, Lima, Peru, in October 1951, enabled Dr. HENRY REICHLEN to carry out research on archeological material excavated in the Department of Cajamarca, northern Peru in 1947-49 and to prepare publications. A part of the money granted was used to help complete Dr. Reichlen's research in the Andes of Cajamarca and on the north coast. Particular attention was given to the spread of this civilization to the north, to its funerary architecture and fortifications, and to its influence on bordering civilizations. Most of the funds were utilized for photography and free hand drawings of the numerous potsherds collected, architectural remains, and extant buildings. These graphic records of the research are an essential part of a manuscript in preparation on the archeology of Utcubamba and Cajamarca.

In May 1951, an award was made to Miss JOY MAHLER of New York, New York, to aid the completion of a comparative study of twined fabric construction in the New World, under the supervision of Junius Bird. Miss Mahler compiled data from microanalysis of the specimens of both North and South American fabrics in the American Museum of National History collection and the comparable material in the Chicago Museum of Natural History and, with the aid of Mr. Bird, photographed almost the entire series. The results of this study supported the original impression that there are specific technical parallels between the early pre-ceramic textiles of Peru and some of the surviving historic textiles made by certain Indian tribes in the United States. In the Spring of 1952, while working at the Peabody Museum in Cambridge, Miss Mahler was able to make a similar study of the collections there. As the final phase of the study, the making of twined medicine bags was observed and photographed, and this material was coordinated with the already gathered comparative data.

Dr. J. DESMOND CLARK of the Rhodes-Livingstone Museum, Livingstone, Northern Rhodesia, was enabled by a grant in January 1956 to excavate at Kalambo Falls, Lake Tanganyika, Northern Rhodesia, a site which provides a clear and definite picture of the cultural development in this part of the continent from the end of the Early Stone Age up to the end of the Middle Stone Age. Preserved quantities of organic remains in association in particular with the Early Stone Age floors were uncovered. These remains are vegetable

and consist of at least nine wooden tools including digging sticks, a section of a throwing stick and a knife, as well as tree trunks, charcoal, leaves, branches, twigs, seeds and nuts, and well-preserved pollens. These will give an accurate picture of the environment in which these early human cultures existed. The macroscopic vegetable remains are being studied at the Imperial Forestry Institute, Oxford, and the pollens by Dr. van Zinderen Bakker of Bloemfontein. The wooden tools are the first to be found with the Chelles-Acheul culture in Africa, and are some of the very few associated with that culture anywhere in the world. Samples from almost all the seven floors are now being dated by the Carbon-14 method and it is expected that the results will provide a valuable series of absolute dates which can be used as a standard for the absolute dating of the later half of the Stone Age in south-central Africa.

#### *Ethnology and Cultural History*

In January 1957, a grant was appropriated for GERTRUDE P. KURATH, Ann Arbor, Michigan, to aid research on music and dance of Rio Grande Pueblo Indians, New Mexico. From the central location of Sante Fe, New Mexico, Mrs. Kurath travelled to Cochiti, Santa Clara, and San Juan, as well as to six other sites for observation and recording of dance ceremonies. Audio-visual materials were collected by photography, tape recordings, and dance notation. In addition, Mrs. Kurath studied library and museum collections at the University of New Mexico and exchanged slides and films with previous collectors. On the basis of assembled data and materials, Mrs. Kurath attempted to organize, analyze and define Pueblo Indian music both in its broad and local aspects. Mrs. Kurath also noted the effect of the Pueblo music and dance of such varying influences as relative isolation of the observed sites, age of participants, changing economy, and acculturation. Articles and addresses are currently in progress for publication and presentation.

An appropriation awarded in March 1954, enabled Dr. DAVID F. ABERLE of the University of Michigan, Ann Arbor, Michigan, to carry out research on the peyote cult as a social movement among the Navajo Indians. During May and June of 1954, Dr. Aberle visited a Navajo reservation and obtained information on the growth and history of the peyote cult in two communities and on peyote ritual. Stemming from this research was an article entitled "Navaho and Ute Peyotism: A Chronological and Distributional Study," written with Omer C. Stewart and published in 1957 in the *University of Colorado Series in Anthropology*.

In March 1955, Dr. HERBERT SCHURMANN of the University of California, Berkeley, California, received a grant to aid a linguistic and ethnographic survey of the Mongols of Afghanistan, carried out from July through September

1955. Dr. Schurmann, accompanied by Ernest Landauer, also of the University of California, commenced field work in the southern province of Herat where linguistic and ethnographic data were collected. From Herat, Dr. Schurmann continued his survey in the Ghorat, a region southeast of Herat where six remaining Mongol villages are located. Here, linguistic and folklore material was collected as well as information on the past and present culture patterns and the socio-economic structure of the society. Dr. Schurmann has completed a manuscript dealing with the ethnology of the Mongols of the Ghorat and related peoples, their social structure and economic relations. The results of his research on linguistic and historical aspects will be presented in a separate monograph.

In November 1950, a grant was awarded to Professor ANDREW A. ABBIE of the University of Adelaide, Adelaide, South Australia, to aid the Adelaide University Anthropological Expedition to Central Australia, to obtain information about the way of life of aborigines under natural tribal conditions. In August of 1951, a party composed of anatomists, physiologists, dentists, ethnologists, a serologist, a psychologist, plus assorted photographers and technicians, went to the Yuendumu Aboriginal Settlement where the Ngala tribe, a practically homogeneous tribal unit living in their own tribal territory under almost natural conditions, was chosen for study because of its low degree of detribalization. Blood pressure, secretor and taste tests, electrocardiographic, respiratory and temperature records, a study of physical responses to emotional and physical environment, and dental examinations were made on one hundred aborigines; as were studies of their kinship system, genealogy, implements, weapons, traditional tribal art forms, techniques, and ceremonies. The information gathered concerning the physical adaptation and the cultural life of these people has appeared in numerous publications.

A Wenner-Gren Foundation Pre-Doctoral Fellowship was appropriated in August 1955 to KENNETH HONEA at the Institut für Völkerkunde, University of Vienna, Vienna, Austria, to aid research on the Atete complex of north-east Africa, under the direction of Professor W. Koppers. In April 1957, Kenneth Honea received his Ph.D. degree at the Institut für Völkerkunde. Resulting from this grant was an article entitled "Buda in Ethiopia," published in *Wiener Völkerkundliche Mitteilungen*. Two articles by Dr. Honea, "Social Structure of Servile Classes in Ethiopia," and "A History of the Hamitic Peoples of Africa," are scheduled to appear in *Wiener Völkerkundliche Mitteilungen*.

In January 1952, an appropriation was awarded to Indiana University, Bloomington, Indiana, which enabled Dr. HAROLD E. DRIVER to prepare for publication a volume on comparative ethnology of North American Indians. In writing the volume, Dr. Driver was assisted by William C. Massey, Instructor

in Anthropology at the University of Washington. This volume, *North American Indian Comparative Studies*, appeared as a Transaction of the American Philosophical Society, Philadelphia, Volume 47, 1957.

Father ERNEST AILRED WORMS of Broome, Western Australia, was awarded a grant in January 1955 to aid research on prehistoric migration in northcentral Western Australia. In the course of his research, Father Worms reported the finding of notes indicating a pre-aboriginal population whose only previous traces were prehistoric rock paintings in North Kimberly. Father Worms' thesis that a prehistoric pigmoid tribe, original natives of Australia, was forced to migrate to Tasmania by the present Australian native, was supported by the tracing of parallel linguistic roots between the Australian and Tasmanian languages, and by visits to both Dampier Land, where legends and ceremonies of the Bād were observed, and to the limestone country of the Oakover River in northwest Post Hedland. In 1955, *Anthropos* published Father Worms' article, "Contemporary and Prehistoric Rock Paintings in Central and Northern North Kimberly."

Through an appropriation awarded in October 1953 to Dr. INEZ DE BEAUCLAIR of Angels, Wayne County, Pennsylvania, ethnographic material on tribal groups of Kweichow Province, China, was prepared for publication. In 1954, an article entitled "Die Ta-Hua Miao der Provinz Keuichou," appeared in *Mitteilungen der Gesellschaft für Natur-und Völkerkunde Ostasiens*, and in 1956 the following publications appeared: "Culture Traits of Non-Chinese Tribes in Kweichow Province, Southwest China," in *Sinologica*; "Present Day Conditions Among the Aborigines of Formosa (Atayal and Bunun)" in *Sociologus*; and "The Ethnical Problem of the Kehlao Tribe" in the *Annals of Academia Sinica*. Dr. de Beauclair also contributed an article entitled "Ethnic Groups (Southwest China)" to the *China Handbook* of the Human Relations Area Files.

In October 1954, a Post-Doctoral Fellowship was awarded to Dr. ANNA BIRGITTA ROOTH of the University of Lund, Lund, Sweden, to aid a study of North American Indian myths for comparison with myths of Indians of the Far East. Beginning her American journey at the Berkeley campus of the University of California in early January 1955, Dr. Rooth, travelling cross-country, visited the University of California at Los Angeles, the Universities of New Mexico, Chicago and Indiana, the Smithsonian Institution, and the Peabody Museum. In the course of this trip Dr. Rooth excerpted creation myths found in North American Indian literature, collecting about three hundred such myths. These were then divided into eight different types, which were subsequently defined according to fixed geographical areas. One article

by Dr. Rooth based on this research appeared in *Anthropos* in 1957 and a book on the same material is currently in preparation.

A grant awarded to Dr. CARL SCHUSTER of Woodstock, New York, in March 1956, aided the photographic recording of ethnographic materials in Southeast Asia. Dr. Schuster travelled through India, Japan, Philippine Islands, Djakarta, Formosa, Hawaii, Turkey, Italy, Switzerland, France, Holland, and England, visiting museums, studying collections, and interviewing scholars. Extensive photographs were taken and preparations made for future research. Publications are currently in process.

Mr. HAROLD COURLANDER of New York, New York, was awarded funds in December 1949 and May 1956, to aid a study of southern United States folk music. During a visit to Mississippi, Alabama, and Georgia, Mr. Courlander conducted field research and recorded, with the use of Wenner-Gren Foundation equipment, several hundred musical performances, some of which were released by Ethnic Folkways Records as "Negro Folk Music of Alabama." In a pamphlet accompanying the two albums, Mr. Courlander discusses a number of stylistic characteristics in American Negro folk music which are apparently of African rather than European origin, and also some of the more archaic types of songs still found in Southern Negro communities. *Bub Terrapin's Pot of Sense*, published by Holt in 1957 also stemmed from Mr. Courlander's trip through Mississippi, Alabama, and Georgia.

#### *Social Anthropology and Cultural Dynamics*

In May 1950, a Post-Doctoral Fellowship was awarded to Dr. KARL A. WITTFOGEL of Columbia University, New York, New York, to aid an institutional study of Russian society before and after 1917. Dr. Wittfogel's prime objective was to publish a volume which would describe the social and cultural peculiarities of Oriental society as a major institutional type, and special aspects such as environmental background, problems of social typology, and new features of the division of labor under the conditions of Oriental civilizations. A 560-page volume entitled *Oriental Despotism: A Comparative Study of Total Power* was published early in 1957 by the Yale University Press. While preparing this work, Dr. Wittfogel wrote the following articles using the material which he had acquired for the larger volume: "The Influence of Leninism-Stalinism on China," *The Annals of the American Academy of Political and Social Science*, Philadelphia, September 1951; "Oriental Despotism," *Sociologus*, Berlin, 1953; "Private Property in Simpler Hydraulic ("Oriental") Societies," *Sociologus*, 1955; "Oriental Society in Transition with special reference to Pre-Communist and Communist China," *Far Eastern Quarterly*, August 1955;

"Developmental Aspects of Hydraulic Societies," *Social Science Monographs: I. Irrigation Civilizations: A Comparative Study*, 1955.

Dr. ERNESTINE FRIEDL of Queens College, Flushing, New York, received a grant in January 1955 to aid a community study of a rural Greek village with particular reference to influences tending to produce change. Commencing in November 1955, Dr. Friedl lived for ten months in the village of Vasilika. Data was gathered on village history, the origin of the inhabitants, marriage, and customs in general. A paper on hospital care in Greece as an example of culture change was presented by Dr. Friedl before the American Association for the Advancement of Science in 1957.

In September 1953, BENGT DANIELSSON of the University of Uppsala, Uppsala, Sweden, was appropriated a Pre-Doctoral Fellowship to aid research on acculturation processes at Raroia atoll, Tuamotu Island, French Oceania, under the direction of Dr. Sture Lagercrantz. This grant enabled Bengt Danielsson to remain on Raroia atoll in order to bring to conclusion field work on acculturation processes which he had first begun in 1951. Dr. Danielsson's thesis, *Work and Life on Raroia*, was published by Saxon and Lindstrom in Stockholm, May 1954, and an English translation was published by George Allen and Unwin, November 1956.

A Wenner-Gren Foundation Pre-Doctoral Fellowship was awarded in May 1953 to R. R. NAYAKALOU of Auckland University College, University of New Zealand, Auckland, New Zealand, to aid study of the impact of economic change of Fijian culture, under the supervision of Professor Ralph Piddington. Theoretical preparation for field work, including a documentary study of available Fijian material, was completed prior to commencement of the actual field work, which was carried out from April to December 1954. In the first stage of the research, three areas exhibiting different phases of socio-economic change, were visited. Beginning with Draubuta village in the Rewa Delta area and continuing on to the Lomawai village in the Nandonga Province and the village of Nakorosule in the interior of Viti Levu, information was gathered concerning the manner in which the social structure was reorganizing itself in response to economic, social, and political forces brought to bear on it, as a result of contact with Europeans and Indians. The second stage of the field work consisted of an analysis and comparison of the field data from these three areas to determine the factors responsible for the nature and rate of socio-economic change in each of the three cases. Resulting from this research was an article entitled "The Fijian System of Kinship and Marriage" which appeared in the March 1956 issue of *The Journal of the Polynesian Society*, and a Master's thesis entitled *Tradition, Choice and Change in the Fijian Economy* which was accepted by Auckland University College.

In September 1951, an appropriation was awarded to Columbia University, New York, New York, to aid research on the typology of institutional influences on native populations. With the assistance of this award, Dr. JULIAN H. STEWARD, aided by Dr. Elena Padilla Seda, collected basic data on the various types of commercial economies affecting native peoples in different areas. Results from this research were incorporated in the following publications: "Introduction," *Irrigation Civilizations: A Comparative Study*, Social Science Monographs, Pan American Union, Washington, D. C., 1955; "Cultural Evolution," *Scientific American*, Volume 194, 1956; "Anthropological View of Contemporary Culture Change," *Kyoto American Studies Seminar Publications*, 1956; "Tappers and Trappers: Parallel Process in Acculturation," *Economic Development and Cultural Change*, Volume IV, 1956.

### *Culture and Personality*

In January 1952, a grant was awarded to Dr. GEORGE SPINDLER and Mrs. LOUISE S. SPINDLER of Stanford University, Stanford, California, with an additional appropriation in April 1953, to aid research on personality in relation to culture change and group affiliations among selected Wisconsin Indian enclaves. From June to September of 1952, interviews and Rorschach tests were done on sixty women selected from various levels of acculturation at the Menomini Reservation, to determine changes in self-concepts and in overall psychological adaptation during the process and stages of acculturation. In addition, recordings of contemporary Menomini music were taken and data were collected on the Peyote cult of the Winnebago. In the Summer of 1953, a second and shorter visit was paid to the Menomini Reservation for the purpose of checking on changes set in motion by the threat of federal withdrawal. Especially important at this time were the progressive disintegration of the native-oriented group and the changing position of the tribal council as it attempted to mediate the different pressures produced by the impending situation. Material gathered under this grant will be incorporated with data collected over another five years, during which time the transition from federal control to full independence will be achieved. Several publications under this grant have appeared.

Grants were awarded in May 1952 and September 1953 which enabled Dr. RUTH SAWTELL WALLIS to carry out research on the Canadian Dakota woman. With her husband, Dr. Wallis spent the early Summer of 1952 collecting data at Dakota reserves in southwestern Manitoba in order to develop a dynamic picture of the inter-personal relationships of the Canadian Dakota women of all ages as they are today and, in many respects, as they have been shaped by the tribal past. Life history material, ethnological information, data

on child training and folk tales were gathered, and extensive photographs were taken and subsequently printed and classified. Three articles were published "The Overt Fears of Dakota Indian Children" in *Child Development*; "The Changed Status of Twins Among the Eastern Dakota" in *Anthropological Quarterly*; and "The Sins of the Father: Concept of Disease Among the Canadian Dakota," in *Southwestern Journal of Anthropology*. Three works, currently in process of completion, cover the development of Indian and white children in two areas of rural Canada, an analysis of beliefs and ceremonies of the Canadian Dakota and the Canadian Dakota woman.

An appropriation was awarded in March 1956 to Dr. FRED W. VOGET of the University of Arkansas, Fayetteville, Arkansas, to aid a study of Pan-Indianism, a nationalistic, political, and secular movement emerging among American Indian tribes in the United States and Canada. Fieldwork was carried out from June 1st to mid-July 1956 in Montana and Idaho, and consisted of interviews and participant observation. Dr. Voget's preliminary conclusion on Pan-Indianism, which derived from results of this survey, was that the focus of Pan-Indianism is political and legal, not religious. While there was a feeling of sympathy towards the maintenance of ancestral ceremonialism, the informants did not seem vitally committed to such a program. Rather, economic and social issues carried more weight with them than a nostalgic retention of tradition. At the same time, however, the general feeling was that if any basis for Indian nationalism existed, it lay in the struggle to preserve Indian equity and to extend Indian rights. Articles are planned dealing with the nature of Pan-Indianism as exemplified by Northwest Indian developments; the social and cultural background of important leaders and their acculturative roles; and the present status of Pan-Indianism in the Northwest and its probable contribution to Indian acculturation in the area.

In February 1954, a Pre-Doctoral Fellowship was awarded to JOSEPH SONNENFELD of The Johns Hopkins University, Baltimore, Maryland, to aid research, under the direction of Dr. George F. Carter, on changes in subsistence among the Point Barrow Eskimo. Upon completion of the field work, the data was presented as a Ph.D. thesis which was accepted by The Johns Hopkins University. Publication of the manuscript, either as a monograph or broken up into a number of articles, is presently being considered.

### *Linguistics*

In January 1952, an appropriation was awarded to the University of Washington, Seattle, Washington, which enabled Dr. FANG-KUEI LI to conduct research on Eyak linguistics, in cooperation with ethnographical and

archeological investigations of Dr. Frederica de Laguna. Dr. Li spent the Summer of 1952 collecting vocabulary and grammatical material in Yakutat and Cordova. As Eyak seems to have strong affinities with the Athabaskan languages structurally and as it contains many Tlingit elements, Dr. Li worked with Tlingit informants in Seattle to clarify the Athabaskan and Tlingit relationship. An article entitled "A Type of Noun Formation in Athabaskan and Eyak" appeared in January 1956 in Volume 22, Number 1 of the *International Journal of American Linguistics*.

#### *Aid to Societies and Institutions*

With the aid of a grant appropriated in January 1957, the ANTHROPOLOGISCHES INSTITUT, University of Zürich in Zürich, Switzerland, under the direction of Dr. Adolph H. Schultz, purchased casts of fossil men from the University Museum in Philadelphia, Pennsylvania. These were used by Dr. Schultz for demonstration in his course on fossil man and were subsequently made a permanent part of the museum being developed by Dr. Schultz at the University.

In September 1955, a grant for the UNIVERSITY COLLEGE OF RHODESIA AND NYASALAND, Salisbury, Southern Rhodesia, aided the purchase of basic anthropological text books for the library of the University College.

The ANTHROPOLOGISCHES INSTITUT DER UNIVERSITÄT WIEN, Vienna, Austria, under the direction of Dr. Josef Weninger, was enabled by appropriations in May and October 1957 to purchase casts of fossil men from the University Museum in Philadelphia.

In July 1957, a grant was appropriated for emergency aid to Hungarian anthropologists to purchase Salk vaccine to combat an epidemic of poliomyelitis, to be distributed and handled by Dr. JÁNOS NEMESKÉRI of the Museum of Natural History, Budapest, Hungary. The vaccine airmailed to Dr. Nemeskéri was subsequently administered to the children of anthropologists.

A grant was awarded in October 1952 to ANTHROPOLOGISCHES INSTITUT DER UNIVERSITÄT WIEN, Vienna, Austria, to aid the Institut's Library and instrumentarium under the direction of Professor J. Weninger. Under this subvention subscriptions to periodicals were continued, the library was reorganized and photographic material was purchased.

An appropriation in October 1955 for the NEW YORK ACADEMY OF MEDICINE, New York, New York, aided a series of Laity Lectures dealing with medicine and anthropology. The lectures comprised the 1955-1956 schedule in the twenty-year-old series.

### *Aid to Foreign Scholars for Travel and Research in U. S.*

A grant was appropriated in January 1956 for Dr. ADOLPH H. SCHULTZ of the Anthropologisches Institut, University of Zürich, Zürich, Switzerland, to aid research on age changes and variability in skulls and teeth of Central American primates. During 1956 Dr. Schultz travelled to the United States where he spent several weeks in the National Museum, Washington, D. C., collecting data on over five hundred skulls of Central American monkeys. Upon his return to Zürich, the task of statistically analysing the data was undertaken and the results will be worked into Dr. Schultz' already large collection of materials.

EDUARDO CONTRERAS S. of the Instituto Nacional de Antropología e Historia in Mexico, D.F., through a grant awarded in May 1956, participated in a year's activity in the University of California Archaeological Survey, to receive training in practice and methods of archeology. As an outcome of this grant, two articles by Mr. Contreras appeared in the *University of California Archaeological Survey Reports*.

### *Publication Subsidies*

The appearance during 1957 of the following publications marked the completion of grants previously awarded by the Wenner-Gren Foundation as publication subsidies:

An appropriation was made in September 1955 for the THIRD PAN-AFRICAN CONGRESS ON PREHISTORY, Livingstone, Northern Rhodesia, to aid publication of the proceedings of the Congress held in 1955, under the editorship of Dr. J. Desmond Clark. The volume, *Third Pan-African Congress on Prehistory, Livingstone, 1955*, was published in June 1957 by Chatto and Windus, London.

In October 1956, a grant was awarded to the INTERNATIONAL CONGRESS OF ANTHROPOLOGICAL AND ETHNOLOGICAL SCIENCES in Vienna, Austria, to aid the publication of the proceedings of the IVth Session of the Congress. The 366-page volume, prepared by Robert Heine-Geldern, Wilhelm Koppers, Anna Hohenwart-Gerlachstein, and Dorothea Klimburg, was entitled *Actes du IV<sup>e</sup> Congrès International des Sciences Anthropologiques, Vienne, 1952* and appeared in 1956.

In January 1952, a grant was appropriated for the UNIVERSITY OF PENNSYLVANIA, Philadelphia, Pennsylvania, to aid the publication of *The Immense Journey* by Dr. Loren C. Eiseley. This 210-page volume, dealing with the

philosophical implications of human evolution, was published in 1957 by Random House, New York.

Through a grant appropriated in May 1957, Dr. STANLEY S. NEWMAN of the University of New Mexico, Albuquerque, New Mexico, was enabled to publish a Zuni dictionary based on research done in the Zuni language over a five-year period. The volume, entitled *Zuni Dictionary*, appeared in January 1958 as Part II of the *International Journal of American Linguistics*, Volume 24. The dictionary, primarily a listing of stems rather than of full words and containing a brief introduction outlining Zuni morphology, is intended to serve as a source for comparative linguistic studies.

A grant-in-aid in January 1956 to Dr. CYRIL S. BELSHAW of the University of British Columbia, Vancouver, Canada, made possible the publication of a monograph on the economic and social welfare of an urban Papuan community in New Guinea. Based on a year's field study of the community of Hanuabada in Papua, the 302-page volume was published in 1957 by Routledge and Kegan Paul under the title, *The Great Village: The Economic and Social Welfare of Hanuabada, an Urban Community in Papua*.

In June 1955, an appropriation was made to the INSTITUT FÜR VÖLKERNKUNDE DER UNIVERSITÄT WIEN, Vienna, Austria, to aid publication of a volume honoring the Institut's 25th anniversary. Edited by Drs. Josef Haekel, Anna Hohenwart-Gerlachstein, and Alexander Slawik, the volume, *Die Wiener Schule der Völkerkunde 1929-1954*, was published in 1956 by Verlag Ferdinand Berger, Vienna.

Dr. F. D. McCARTHY of the Australian Museum, Sydney, Australia, was awarded a grant in March 1957 to aid publication of the *Distribution and Chronology of Some Important Types of Stone Implements in Western Australia*. This article, based on the field work and examination of museum collections carried out by the late Professor D. S. Davidson of the University of Washington, Seattle, Washington, was published as a joint work of Professor Davidson and Dr. McCarthy in Volume 52 of *Anthropos*.

An appropriation was awarded in January 1952 to Dr. H. STUEBEL of Giessen, Germany, to aid publication of anthropological materials dealing with the aborigines of China, collected by Dr. Stuebel over a period of twenty-eight years. Two publications which have resulted from this grant are "Die nichtchinesischen Völker Chinas" which appeared in *Sociologus* in 1952, and a monograph written in collaboration with Dr. Inez de Beauclair, entitled *Ein Dorf der Ta-Hus Miao in Yünnan* published in Hamburg, Germany, in 1954.

This report is accompanied by a bibliography, which follows, of publications resulting from research subsidized by the Foundation.

In addition to the above mentioned activities, the Foundation during the past year was also called upon on numerous occasions to supply information on technical matters, field conditions, publications, etc. that accrued to the Foundation from its position as a central "clearing-house" of data. Requests for information of this nature were received from scholars, governmental agencies, business concerns, and the press.

Scholars have frequently commented on the small size of our staff in relation to the variety and scale of the activities and programs with which the Foundation's name has become associated. The Foundation considers itself fortunate to have had a staff which has served loyally and faithfully over the past year to bring about the accomplishments of this Foundation, and grateful appreciation and thanks are extended to its entire personnel, with special thanks going to Miss Lita Binns, Miss Mary Dell'Oro, and Miss Cleo Mullas for their devotion and invaluable assistance.

Respectfully submitted,

PAUL FEJOS  
*Director of Research*

April 1, 1958

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## REPORT OF THE TREASURER

Specific allocations made during the past fiscal year (whether or not expended) by the Wenner-Gren Foundation for Anthropological Research, Incorporated, referred to in the Report of the Director of Research and listed in Schedule of Appropriations, were as follows:

General and Theoretical Studies .....	\$ 3,950.00
Physical Anthropology .....	33,520.00
Archeology and Prehistory .....	25,647.80
Ethnography and Ethnology .....	9,600.00
Social Anthropology and Cultural Dynamics .....	6,750.00
Personality and Culture .....	2,460.00
Linguistics .....	7,850.00
Publication Subsidies .....	12,060.00
Aid to Foreign Scholars for Travel, Research, and Study in U. S. ....	300.00
Aid to Societies and Institutions .....	18,524.00
Donations .....	1,330.00

RICHARD B. HUNT,  
*Treasurer*

Annexed hereto are financial statements for the year ended January 31, 1958, with an accompanying report by Messrs. Peat, Marwick, Mitchell & Co., accountants and auditors, who have examined the accounts of the Foundation from the date of its inception.

**PEAT, MARWICK, MITCHELL & CO.**  
ACCOUNTANTS AND AUDITORS  
SEVENTY PINE STREET  
NEW YORK 5, N. Y.

**ACCOUNTANTS' REPORT**

*The Board of Directors*

WENNER-GREN FOUNDATION FOR  
ANTHROPOLOGICAL RESEARCH, INCORPORATED  
NEW YORK, N. Y.:

We have examined the balance sheet of Wenner-Gren Foundation for Anthropological Research, Incorporated as of January 31, 1958 and the related statement of income and disbursements, prepared on a cash basis, for the year then ended and supporting schedule of appropriations. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

We counted cash on hand and obtained from the depositaries confirmation of the balances on deposit; investment securities and the deed to the property at 14 East 71st Street, New York City, were inspected or confirmation obtained from the custodian. Relative to income from investments, we determined, by reference to independent sources, that all such income had been properly recorded.

Commencing February 1, 1957 the Foundation has amortized the premium paid on the acquisition of bonds. The accounts for the year ended January 31, 1958 include amortization of bond premium applicable to prior periods in the amount of \$3,133.94. It has been the consistent policy to provide no depreciation on the office property at 14 East 71st Street.

In our opinion, the accompanying balance sheet and statement of income and disbursements, with the supporting schedule, present fairly, on a cash basis, the financial position of Wenner-Gren Foundation for Anthropological Research, Incorporated at January 31, 1958 and the results of its operations for the year then ended, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding period except for the change mentioned in the preceding paragraph.

**PEAT, MARWICK, MITCHELL & CO.**

New York, N. Y.

May 23, 1958

**WENNER-GREN FOUNDATION FOR  
ANTHROPOLOGICAL RESEARCH, INCORPORATED**

**BALANCE SHEET**

**January 31, 1958**

**A S S E T S**

Cash in United States bank .....	\$ 188,935.73
Cash on hand .....	1,000.00
Cash in Austrian bank for improvements to Wartenstein property .....	36,099.22
United States Government securities, at cost, less premium amortized to date \$3,494.63 (market value \$327,250.00) .....	355,411.62
Other investments in bonds, at cost, less premium amortized to date \$159.59 (market value \$104,406.25) .....	103,684.16
Stock investments, stated on basis of quoted market prices at date of acquisition, March 31, 1941:	
Electrolux Corporation—capital stock, 300,000 shares (market value at January 31, 1958 \$3,037,500.00) .....	\$1,875,000.00
Servel, Inc.—common stock, 50,000 shares (market value at January 31, 1958 \$243,750.00) .....	487,500.00
Deposit for air travel .....	2,362,500.00
	425.00
Land and buildings:	
14 East 71st Street, New York, at cost:	
Original purchase .....	50,000.00
Expenditures for improvements .....	<u>59,492.08</u>
	109,492.08
Wartenstein, Austria:	
Donation of land and buildings, carried at nominal amount (see note) .....	\$ 1.00
Expenditures for improvements \$9,882.21, less donations applied thereto \$2,213.21 .....	7,669.00
	<u>7,670.00</u>
	117,162.08
	<u>\$3,165,217.81</u>

Note: Land and buildings, known as Wartenstein, in Austria, were donated by Axel L. Wenner-Gren, the Founder of the Foundation. When final improvements and renovations have been completed this property will serve as the European Headquarters for the Foundation's European operations and activities in the field of anthropological research. The Board of Directors has recognized in the minutes of May 23, 1958, 12,121,145 schillings or \$467,095.60 converted at the current rate of exchange, as the fair value of the property based upon appraisal, but for accounting purposes has authorized that the property be carried on the books at a nominal amount of \$1.00.

**WENNER-GREN FOUNDATION FOR  
ANTHROPOLOGICAL RESEARCH, INCORPORATED**

**BALANCE SHEET**

**January 31, 1958**

**LIABILITIES**

Unexpended appropriations (per accompanying schedule) .....	\$ 321,303.89
Taxes withheld from employees .....	717.56
Restricted donation .....	5,769.22

General Fund:

Securities donated as of April 1, 1941 ..... \$2,362,500.00

Excess of income over disbursements:

For the period ended January  
31, 1957 ..... \$795,843.78

Add excess of income over dis-  
bursements for the year  
ended January 31, 1958 (per  
accompanying statement) ..... 387.25

796,231.03

Deduct unexpended appropriations  
shown above ..... 321,303.89    474,927.14    2,837,427.14

\$3,165,217.81

**WENNER-GREN FOUNDATION FOR  
ANTHROPOLOGICAL RESEARCH, INCORPORATED**

**STATEMENT OF INCOME AND DISBURSEMENTS**

**Year ended January 31, 1958**

**Income:**

Dividends on stocks .....	\$300,000.00
Interest .....	15,545.83
	<hr/>
	315,545.83

**Office and administrative expenses:**

Salaries and wages (see note) .....	\$32,518.87
-------------------------------------	-------------

**Employee benefits:**

Christmas bonus .....	\$3,537.50
Lunch service .....	3,319.49
Social security taxes .....	1,488.74
Associated Hospital Service .....	887.22
	<hr/>
Building expenses—14 East 71st Street .....	6,207.23
Furniture and fixtures .....	1,060.12
Office supplies .....	3,132.52
Stationery and printing .....	343.95
Telephone, telegraph and cables .....	2,169.51
Postage .....	783.67
Professional services .....	2,150.00
Miscellaneous .....	928.10
	<hr/>
	58,526.92
	<hr/>
	257,018.91

**Deduct amortization of bond premium:**

Current period .....	520.28
Prior periods .....	3,133.94
	<hr/>

Excess of income over expenses .....	253,364.69
--------------------------------------	------------

Deduct net expenditures on appropriations (per accompanying schedule)	252,977.44
---	------------

Excess of income over disbursements .....	\$ 387.25
---	-----------

Note: Salaries and wages are stated after the allocation of \$58,613.02 and \$3,110.00, respectively, to specific appropriations and building expense.

**WENNER-GREN FOUNDATION FOR  
ANTHROPOLOGICAL RESEARCH, INCORPORATED**

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**SCHEDULE OF APPROPRIATIONS**

**Year Ended January 31, 1958**

**WENNER-GREN FOUNDATION FOR ANTHRO**  
**SCHEDULE OF AP**  
**For the Year Ended J**

**SUMMARY**

General Research Program:	
Section A—Special Projects .....	
Section B—Outside Grants:	
Part I—Grants appropriated and allocated to January 31, 1956 .....	
Part II—Appropriations allocated during the year and budgeted for the year commencing February 1, 1958 .....	
European Headquarters (expenditures for improvements to be made to Wartenstein, Austria, land and buildings) .....	
Total .....	

Name and Address	Purpose
Section A—Special Projects: African Project	
Clark, Dr. J. Desmond, Rhodes-Livingstone Museum, Livingstone, Northern Rhodesia	For research on Early Man in Africa, to be distributed among institutions or individual scholars for preparatory work, field research, travel grants, meetings, etc., with approval of President or Treasurer of Wenner-Gren Foundation for Anthropological Research—amount pending allocation
Awards of cash and medals	To aid participation in excavation at Sterkfontein fossil site, South Africa
Conferences of anthropologists	For outstanding achievements in anthropology
Development of research program	For conferences of anthropologists under sponsorship of Wenner-Gren Foundation for discussion of problems, reports on research, etc.
Fellowships	Conference expenses, etc.
Adams, William Y., U. of Arizona, Tucson, Ariz.	Amount pending allocation
Follieri, Dr. Maria, U. of Rome, Rome, Italy	To aid research on role of the trader in modern Navajo community, under supervision of Dr. Emil W. Haury—Pre-Doctoral Fellowship
Parsons, Lee Allen, Peabody Museum, Harvard U., Cambridge, Mass.	To aid research on botanic macro- and micro-fossils of the Pleistocene of Latium and Abruzzi—Richard Carley Hunt Memorial Fellowship
Pitkin, Harvey, U. of California, Berkeley, Calif.	To aid research and preparation for doctoral thesis on anthropological museum exhibits, under supervision of Drs. Douglas L. Oliver and J. O. Brew—Pre-Doctoral Fellowship
	To aid field research on Wintu language, under supervision of Dr. Mary R. Haas—Pre-Doctoral Fellowship

**O** LOGICAL RESEARCH, INCORPORATED

**P**ROPRIATIONS

ed January 31, 1958

Unexpended Jan. 31, 1957	Net appropriations during year	Net expenditures during year	Unexpended Jan. 31, 1958
\$195,545.24	\$149,492.03	\$149,914.41	\$195,122.86
5,000.00	(7,694.27)	(2,694.27)	—
103,236.09	106,702.24	105,757.30	104,181.03
—	22,000.00	—	22,000.00
<u><u>\$303,781.33</u></u>	<u><u>270,500.00</u></u>	<u><u>252,977.44</u></u>	<u><u>321,303.89</u></u>

  

Unexpended Jan. 31, 1957	Appropriations (cancellations) during year		Allocations during year		Net expenditures during year	Unexpended Jan. 31, 1958
	Date	Amount	Date	Amount		
\$ 347.80	—	\$ —			\$ —	
			Feb. 14, 1957	\$ 347.80	\$ 347.80	
10,607.83	Jan. 10, 1958	11,000.00	—	—	9,302.14	12,305.69
16,243.60	Jan. 10, 1958	25,000.00	—	—	13,080.29	28,163.31
48,784.26	Jan. 10, 1958	45,000.00	—	—	44,613.59	49,170.67
14,500.00	Jan. 10, 1958	10,000.00	Mar. 2, 1957	1,500.00	1,500.00	11,000.00
			Oct. 11, 1957	2,500.00	2,500.00	
			May 24, 1957	1,500.00	1,500.00	
			May 24, 1957	1,500.00	1,500.00	

**WENNER-GREN FOUNDATION FOR ANTHROPOLOGY**  
**SCHEDULE OF APPROXIMATE EXPENSES**  
**For the Year Ended June 30, 1954**

<b>Name and Address</b>	<b>Purpose</b>
Section A—Special Projects, continued:	
Fellowships, continued:	
Spencer, Dr. Joseph E., U. of California, Los Angeles, Calif.	To aid research on evolution of primitive agriculture in Southeastern Asia—Richard Carley Hunt Memorial Fellowship
Szabó, Dr. George, New York, N. Y.	To aid research on mining methods in Carpathian Basin from Paleolithic Age to Early Middle Ages—Richard Carley Hunt Memorial Fellowship
Taschini, Maria, U. of Rome, Rome, Italy	To aid research on Paleolithic sites of Pontine region, under supervision of Dr. Alberto C. Blanc—Pre-Doctoral Fellowship
Laboratories and loan equipment, including maintenance	For photographic laboratory, sound recording instruments, etc. for anthropological investigations
Microfilm service	For microfilm material for anthropological research, etc.
Miscellaneous donations	For books, photographs, maps, etc. to scientific institutions, and individuals
Publication Fund	To publish reports on research in general anthropology (the term "anthropology" embracing prehistoric archeology, ethnology, physical anthropology, the study of primitive languages, research on acculturation, community studies, and theoretical aspects of all of the above), including annual report on Wenner-Gren Foundation's activities
Research library	For scholars in anthropology and related sciences
Symposium	<i>Ideological Differences and World Order</i> , Prof. F. S. C. Northrop, Editor
Symposium	International Symposium on Anthropology, to assess accomplishments in field of anthropology, and to pose questions concerning direction of future research, including publication of results
Symposium	<i>Most of the World</i> , Prof. Ralph Linton, Editor
Symposium	<i>The Science of Man in the World Crisis</i> , Prof. Ralph Linton, Editor
Travel Fund	For expenses incurred by members of staff or associates in connection with the Wenner-Gren Foundation's activities, and travel expenses donated to scholars to permit participation in diverse conferences of social scientists

TOTAL SECTION A—SPECIAL PROJECTS

**POLOGICAL RESEARCH, INCORPORATED**

**PRIATIONS—Continued**

January 31, 1958

Unexpended Jan. 31, 1957	Appropriations (cancellations) during year		Allocations during year		Net expenditures during year	Unexpended Jan. 31, 1958
	Date	Amount	Date	Amount		
\$ 2,331.95	—	\$ —	May 24, 1957	\$ 2,500.00	\$ 2,500.00	
159.99	—	—	May 13, 1957	2,500.00	2,500.00	
2,322.24	Jan. 10, 1958	500.00	Jan. 10, 1958	1,500.00	1,500.00	
61,081.25	May 24, 1957 Oct. 10, 1957 Dec. 3, 1957 Jan. 10, 1958	2,029.58 922.76 1,050.00 25,000.00	—	—	37,925.64	52,157.95
8,423.48	Oct. 10, 1957 Jan. 10, 1958	5,000.00 5,000.00	—	—	8,816.78	9,606.70
—	May 24, 1957	(111.39)*	—	—	(111.39)*	—
—	Oct. 10, 1957 Dec. 3, 1957	(922.76)* (1,050.00)*	—	—	(1,972.76)*	—
—	May 24, 1957	(733.36)*	—	—	(733.36)*	—
—	May 24, 1957	(192.80)*	—	—	(192.80)*	—
30,742.84	Jan. 10, 1958	22,000.00	—	—	22,516.03	30,226.81
<u>\$195,545.24</u>		<u>\$149,492.03</u>			<u>\$149,914.41</u>	<u>\$195,122.86</u>

**WENNER-GREN FOUNDATION FOR ANTHRO<sup>P</sup>  
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**For the Year Ended Ja**

<b>Name and Address</b>	<b>Purpose</b>
Section B—Outside Grants:	
Part I—Grants appropriated and allocated to January 31, 1956:	
American Geographical Society, New York, N. Y.	To be awarded to educational and anthropological institutions, or to accredited scholars, for support of research and education in anthropology and its related fields
Chicago Press, U. of, Chicago, Ill.	
Columbia U. Press, New York, N. Y.	
Muray, Nickolas, New York, N. Y.	
Part II—Appropriations allocated during the year and budgeted for the year commencing February 1, 1958:	
Alcobé, Dr. Santiago, U. of Barcelona, Barcelona, Spain	To aid preparation for publication of section of <i>Atlas of Ignorance</i> , by Dr. Samuel W. Boggs
American Anthropological Association (through Dr. Walter Goldschmidt), U. of California, Los Angeles, Calif.	To aid publication of <i>Elementary Kinship System</i> , by Dr. Claude Levi-Strauss
American Anthropological Association (through Dr. Walter Goldschmidt), U. of California, Los Angeles, Calif.	To aid publication of <i>A Study of Theoretical Anthropology</i> , by Dr. David Bidney
American Anthropological Association (through Dr. E. Adamson Hoebel), U. of Minnesota, Minneapolis, Minn.	To aid project of world-wide archeological and ethnographical photographic recording
Anthropologisches Institut, U. of Zürich, Zürich, Switzerland	TOTAL SECTION B—OUTSIDE GRANTS—PART I
Anthropologisches Institut der Universität Wien, Vienna, Austria	Amount pending allocation
Birket-Smith, Dr. Kaj, Nationalmuseet, Copenhagen, Denmark	
Blanc, Dr. Alberto Carlo, U. of Rome, Rome, Italy	
Blumberg, Dr. Baruch S., U. of Oxford, Oxford, England	
	To aid research on genetical differentiation of human populations in Spain
	To aid publication of A.A.A. Memoir on a survey of anthropology in Japan
	To aid publication of papers from conference on Natural Selection in Man
	To aid distribution of reprints of <i>American Anthropologist</i> to foreign contributors
	To aid purchase of casts of fossil men, under direction of Dr. Adolph H. Schultz
	To aid purchase of casts of fossil men, under direction of Dr. Josef Weninger
	To aid publication of English edition of <i>Kulturens Veje</i>
	To aid archeological research on Megalithic, Neolithic, Eneolithic, and Bronze Age cultures in Apulia and Latium
	To aid genetic studies on population of Canary Islands and The Gambia, in collaboration with Dr. Anthony C. Allison

**TOPOLOGICAL RESEARCH, INCORPORATED**

**EXTRAS—Continued**

ed January 31, 1958

Unexpended Jan. 31, 1957	Appropriations (cancellations) during year		Allocations during year		Net expenditures during year	Unexpended Jan. 31, 1958
	Date	Amount	Date	Amount		
\$ —	Oct. 10, 1957	\$ (1,702.24)§	—	\$ —	\$ (1,702.24)	\$ —
—	Mar. 2, 1957	(5,000.00)§	—	—	(5,000.00)	—
—	May 24, 1957	(992.03)*	—	—	(992.03)*	—
5,000.00	—	—	—	—	5,000.00	—
<u>\$ 5,000.00</u>		<u>\$ (7,694.27)</u>			<u>\$ (2,694.27)</u>	—
\$103,236.09	Mar. 2, 1957	\$ 5,000.00				\$104,181.03
	May 24, 1957	350.00				
	May 24, 1957	(350.00)				
	Oct. 10, 1957	1,702.24				
	Jan. 10, 1958	100,000.00				
			Oct. 10, 1957	\$ 2,500.00	\$ 2,500.00	
			May 24, 1957	2,000.00	2,000.00	
			May 24, 1957	600.00	600.00	
			May 24, 1957	200.00	200.00	
			—	132.00	132.00	
			May 24, 1957	149.00	405.30†	
			Oct. 31, 1957	425.00		
			Mar. 2, 1957	2,000.00	— †	
			Oct. 10, 1957	4,500.00	4,500.00	
			Mar. 2, 1957	1,500.00	1,500.00	

**WENNER-GREN FOUNDATION FOR ANTHRO**  
**SCHEDULE OF APPRO**  
**For the Year Ended**

Name and Address	Purpose
Section B—Outside Grants, continued:	
Part II—Appropriations allocated during the year and budgeted for the year commencing February 1, 1958, continued:	
Braidwood, Dr. Robert J., U. of Chicago, Chicago, Ill.	To aid attendance at Vth International Congress for Prehistoric and Protohistoric Sciences, Hamburg, 1958
Brameld, Dr. Theodore, U. of Puerto Rico, Rio Piedras, Puerto Rico	To aid preparation for publication of <i>An Anthropological Interpretation of Puerto Rican Education</i>
Brandeis, U., Waltham, Mass.	To aid publication of Festschrift in honor of Prof. Paul Radin, under direction of Dr. Stanley Diamond
Brugge, David M., Gallup Indian Community Center, Gallup, N. M.	To aid ethnological and linguistic study of Pima Bajo in Mexico
Burr, Dr. H. S., Yale U., School of Medicine, New Haven, Conn.	To aid preparation for publication of <i>Human Behavior and the Nervous System</i>
Conklin, Dr. Harold C., Columbia U., New York, N. Y.	To aid final editing of ethnographic film, <i>The Hanunóo</i>
Coon, Dr. Carleton S., U. of Pennsylvania, Philadelphia, Pa.	To aid collection of data for preparation of volume, <i>The Races of the World</i>
de Beauclair, Dr. Inez, Institute of Ethnology, Academia Sinica, Taipei, Formosa	To aid research on intercultural relations between Botel Tobago and Batan Islands
Eggan, Dr. Fred, U. of Chicago, Chicago, Ill.	To aid research in Southeast Asia on anthropological and social science problems
Ewing, Rev. J. Franklin, Fordham U., New York, N. Y.	To aid study of Australopithecine materials in South Africa
Fay, Prof. George E., Southern State College, Magnolia, Ark.	To aid archeological survey of Northern Nayarit, Mexico
Firth, Prof. Raymond, The London School of Economics and Political Science, London, England	To aid preparation for publication of material on Polynesian music
Foltiny, Dr. Stephen, Institute for Advanced Study, Princeton, N. J.	To aid publication of monograph on prehistoric site of Velemszentvid, County Vas, Hungary
Galdston, Dr. Iago, New York Academy of Medicine, New York, N. Y.	To aid attendance as Foundation representative at 2nd International Congress for Psychiatry, Zurich, 1957
Graham, Dr. Milton D., Human Relations Area Files, New Haven, Conn.	To aid research on potentialities of electronic computers to anthropology
Greenberg, Dr. Joseph H., Columbia U., New York, N. Y.	To aid research on distribution and classification of non-Austronesian languages of the Pacific
Gusinde, Dr. Martin, Catholic U., Washington, D. C.	To aid field work on somatological and physiological characteristics of Bushmen and Hottentots of South Africa

## O POLOGICAL RESEARCH, INCORPORATED

## PRIATIONS—Continued

ed January 31, 1958

Unexpended Jan. 31, 1957	Appropriations (cancellations) during year		Allocations during year		Net expenditures during year	Unexpended Jan. 31, 1958
	Date	Amount	Date	Amount		
	Jan. 10, 1958	\$ 900.00		\$ 900.00		
	May 24, 1957	500.00		500.00		
	Oct. 10, 1957	500.00		500.00		
	Oct. 10, 1957	750.00		750.00		
	May 24, 1957	1,500.00		1,500.00		
	May 24, 1957	500.00		500.00		
	Mar. 2, 1957	2,000.00		2,000.00		
	Jan. 10, 1958	750.00		750.00		
	Oct. 10, 1957	500.00		500.00		
	Oct. 10, 1957	1,000.00		1,000.00		
	May 24, 1957	600.00		600.00		
	May 24, 1957	500.00		500.00		
	May 24, 1957	300.00		300.00		
	May 31, 1957	960.00		960.00		
	Sep. 30, 1957	950.00		950.00		
	Oct. 10, 1957	4,350.00		4,350.00		
	May 24, 1957	360.00		360.00		

**WENNER-GREN FOUNDATION FOR ANTHRO**  
**SCHEDULE OF APPRO**  
**For the Year Ended**

Name and Address	Purpose
Section B—Outside Grants, continued:	
Part II—Appropriations allocated during the year and budgeted for the year commencing February 1, 1958, continued:	
Hamburgisches Museum für Völkerkunde und Vorgeschichte, Hamburg, Germany	To aid publication of volume in honor of Dr. Franz Termer, under direction of Dr. Wilhelm Bierhenke
Harich-Schneider, Dr. Eta, Vienna, Austria	To aid field study of Goze mendicant musicians' guild, North Honshu, Japan
Hirschberg, Dr. Walter, U. of Vienna, Vienna, Austria	To aid ethnological research of early Egyptian influences on Negro Africa
Hohenwart-Gerlachstein, Dr. Anna, Institut für Völkerkunde, Vienna, Austria	To aid ethnological research on the Beja of Sudan
Honea, Dr. Kenneth, Institut für Völkerkunde, U. of Vienna, Vienna, Austria	To aid research on prehistoric origin and migrations of Hamitic peoples of Africa
Howell, Dr. F. Clark, U. of Chicago, Chicago, Ill.	To aid investigation of Acheulian Man site in central Tanganyika
Hsu, Dr. Francis L. K., Northwestern U., Evanston, Ill.	To aid research in India on basic sources of tensions among human groups
Hulse, Dr. Frederick S., U. of Washington, Seattle, Wash.	To aid attendance at meeting of American Association of Physical Anthropologists, Ann Arbor, April 1957
Human Relations Area Files, New Haven, Conn.	To aid publication of bibliographies on foreign areas and peoples, under direction of Dr. Clellan S. Ford
Hürzeler, Dr. Johannes, Museum of Natural History, Basel, Switzerland	To aid research on fossil primates of Europe
Hürzeler, Dr. Johannes, Museum of Natural History, Basel, Switzerland	To aid paleontological research on Oreopithecus materials in Europe
Institut de Paléontologie humaine, Paris, France	To aid Library in Institut de Paléontologie humaine, under direction of Dr. Henri V. Vallois
International Congress of Anthropological and Ethnological Sciences, Vienna, Austria	To aid publication of proceedings of IVth session of International Congress of Anthropological and Ethnological Sciences, Vienna, through Dr. Robert Heine-Geldern
Johnson, Dr. Frederick, Robert S. Peabody Foundation for Archaeology, Andover, Mass.	To aid Committee for Distribution of Radiocarbon Dates
Kelemen, Dr. George, Harvard Medical School, Boston, Mass.	To aid comparative research on anatomical basis of phonation in animals and humans
Krieger, Dr. Alex D., Municipal Museum, Riverside, Calif.	To aid attendance at Vth INQUA Congress, Spain, 1957
Kronenberg, Dr. Andreas, Institut für Völkerkunde, Vienna, Austria	To aid ethnological research among Nuba tribes of Kordofan, Sudan

**POLITICAL RESEARCH, INCORPORATED**

**EXPIRIATIONS—Continued**

**January 31, 1958**

Unexpended Jan. 31, 1957	Appropriations (cancellations) during year		Allocations during year		Net expenditures during year	Unexpended Jan. 31, 1958
	Date	Amount	Date	Amount		
	Oct. 10, 1957	\$ 500.00		\$ 500.00		
	Oct. 10, 1957	500.00		500.00		
	Jan. 10, 1958	500.00		500.00		
	Jan. 10, 1958	800.00		800.00		
	Jul. 24, 1957	500.00		500.00		
	Dec. 6, 1957	1,300.00		1,300.00		
	Mar. 2, 1957	1,500.00		1,500.00		
	Mar. 14, 1957	100.00		100.00		
	Mar. 2, 1957	2,000.00		2,000.00		
	Mar. 2, 1957	2,500.00		2,500.00		
	Oct. 10, 1957	10,000.00		10,000.00		
	Jan. 10, 1958	1,000.00		1,000.00		
	Jan. 10, 1958	360.00		360.00		
	Jan. 10, 1958	1,500.00		1,500.00		
	Oct. 10, 1957	3,000.00		3,000.00		
	May 24, 1957	1,500.00		1,500.00		
	Oct. 10, 1957	250.00		250.00		

**WENNER-GREN FOUNDATION FOR ANTHRO**  
**SCHEDULE OF APPRO**  
**For the Year Ended**

<b>Name and Address</b>	<b>Purpose</b>
Section B—Outside Grants, continued:	
Part II—Appropriations allocated during the year and budgeted for the year commencing February, 1, 1958, continued:	
Kurath, Gertrude, Ann Arbor, Mich.	To aid recording of Tewa Indian folk music
Language and Communication Research Group, Columbia U., New York, N. Y.	To aid research in language and communication, under direction of Dr. John Lotz
Lowie, Luella Cole, Berkeley, Calif.	To aid preparation for publication of field notes and papers of the late Dr. Robert H. Lowie
McCarthy, Dr. F. D., Australian Museum, Sydney, Australia	To aid publication of <i>The Distribution and Chronology of Some Important Types of Stone Implements in Western Australia</i>
McKenna, Dr. Robert, Dartmouth College, Hanover, N. H.	To aid publication of <i>Indians of the Upper Tanana</i>
Michigan, U. of, Ann Arbor, Mich.	
Mourant, Dr. Arthur E., Lister Institute, London, England	To aid serological research on ethnic varieties, by Dr. Reuben Kahn
Musée de l'Homme, Paris, France	To aid publication of <i>World ABO Frequency Tables</i>
National Research Council, Washington, D. C.	
National Research Council (through Dr. George P. Murdock), Yale U., New Haven, Conn.	To aid ethnological film program of Musée de l'Homme, under direction of Dr. Henri V. Vallois
Nemeskéri, Dr. János, Museum of Natural History, Budapest, Hungary	To aid preparation for publication of 4th edition of <i>International Directory of Anthropologists</i> , under direction of Dr. Erminie Wheeler-Voegelin
Newman, Dr. Stanley S., U. of New Mexico, Albuquerque, N. M.	To aid participation of American anthropologists at Ninth Pacific Science Congress, Bangkok, 1957
New York Academy of Medicine, New York, N. Y.	
New York Academy of Medicine, New York, N. Y.	Emergency aid to Hungarian anthropologists for purchase of Salk vaccine to combat epidemic, to be distributed and handled by Dr. János Nemeskéri
Okada, Dr. Ferdinand E., American Museum of Natural History, New York, N. Y.	To aid publication of Zuni dictionary
Outwater, Dr. John O., Jr., U. of Vermont, Burlington, Vt.	To aid anthropological phase of Institute in Social and Historical Medicine, 1957
Pellati, Count Dr. Francesco, Istituto Italiano di Paleontologia Umana, Rome, Italy	To aid anthropological part of 1957 Eastern States Health Education Conference
Pericot, Dr. Luis, U. of Barcelona, Barcelona, Spain	To aid community study of a Nepalese village
	To aid analysis of pre-Columbian construction techniques
	To aid research on chronology and paleoecology of Mousterian and Upper Paleolithic sites of Monte Circeo and Sperlonga, Italy
	To aid study of Paleolithic sites in East and South Spain

**POLOGICAL RESEARCH, INCORPORATED**

**PRIATIONS—Continued**

January 31, 1958

Unexpended Jan. 31, 1957	Appropriations (cancellations) during year		Allocations during year		Net expenditures during year	Unexpended Jan. 31, 1958
	Date	Amount	Date	Amount		
	May 24, 1957	\$ 300.00		\$ 300.00		
	Mar. 2, 1957	2,000.00			2,000.00	
	Nov. 15, 1957	500.00			500.00	
	Mar. 2, 1957	150.00			150.00	
	Jan. 10, 1958	2,500.00			2,500.00	
	Mar. 2, 1957	1,000.00			1,000.00	
	Mar. 2, 1957	700.00			700.00	
	Jan. 10, 1958	900.00			900.00	
	May 24, 1957	1,000.00			1,000.00	
	Oct. 10, 1957	1,500.00			1,500.00	
	Jul. 24, 1957	330.00			330.00	
	May 25, 1957	750.00			750.00	
	Mar. 2, 1957	1,000.00			1,000.00	
	Mar. 7, 1957	350.00			350.00	
	Oct. 10, 1957	2,000.00			2,000.00	
	Mar. 2, 1957	1,200.00			1,200.00	
	Sep. 10, 1957	4,500.00			4,500.00	
	Oct. 10. 1957	3,000.00			3,000.00	

**WENNER-GREN FOUNDATION FOR ANTHRO P**  
**SCHEDULE OF APPRO P**  
**For the Year Ended J**

Name and Address	Purpose
Section B—Outside Grants, continued:	
Part II—Appropriations allocated during the year and budgeted for the year commencing February 1, 1958, continued:	
Powdermaker, Dr. Hortense, Queens College, Flushing, N. Y.	To aid preparation for publication of African field data
Royal Anthropological Institute, London, England	To aid reestablishment of Institute's library
Schapera, Prof. I., The London School of Economics and Political Science, London, England	To aid ethnographical and historical studies among Kalanga tribes, Southern Rhodesia
Singer, Dr. Ronald, U. of Cape Town, Cape Town, South Africa	To aid attendance at Vth INQUA Congress, Spain, 1957, and study of human fossil material in Spain and North Africa
Slotkin, Dr. James S., U. of Chicago, Chicago, Ill.	To aid research on means of categorizing cultural phenomena
Solecki, Ralph S., Columbia U., New York, N. Y.	To aid archeological research in Shanidar cave, northern Iraq
Stone, Dr. Doris Z., Museo Nacional de Costa Rica, San José, Costa Rica	To aid 33rd International Congress of Americanists, San José, Costa Rica, July 1958
Straus, Dr. William L., Jr., The Johns Hopkins U., Baltimore, Md.	To aid study of fossil remains in diverse European museums
Tanner, Dr. James M., U. of London, London, England	To aid visit to child growth research laboratories in the United States
Tappen, Dr. Neil C., Emory U., Emory University, Ga.	To aid research on non-human primates in Uganda, East Africa
Tyler, John C., U. of Washington, Seattle, Wash.	To aid preparation of handbook and film of archeological methods and techniques, under supervision of Dr. Douglas Osborne
United Hospital Fund, New York, N. Y.	Donation
Vagvölgyi, Jozsef, c/o National Academy of Sciences, Washington, D. C.	To aid morphological research at Academy of Natural Sciences of Philadelphia
von Bonin, Dr. Gerhardt, U. of Illinois College of Medicine, Chicago, Ill.	To aid research on endocasts of Australopithecines, Johannesburg, South Africa
von Fürer-Haimendorf, Prof. Christoph, U. of London, London, England	To aid anthropological research in Nepal
Weninger, Dr. Margarete, Anthropologisches Institut der Universität Wien, Vienna, Austria	To aid serological and morphological research in genetics
White, Dr. Leslie A., U. of Michigan, Ann Arbor, Mich.	To aid publication of <i>The Evolution of Culture</i>
Willey, Dr. Gordon R., Peabody Museum, Harvard U., Cambridge, Mass.	To aid recording of the memoirs and reminiscences of Dr. A. V. Kidder

**POLOGICAL RESEARCH, INCORPORATED**

**PRIATIONS—Continued**

**January 31, 1958**

Unexpended Jan. 31, 1957	Appropriations (cancellations) during year		Allocations during year		Net expenditures during year	Unexpended Jan. 31, 1958
	Date	Amount	Date	Amount		
	Oct. 10, 1957	\$ 1,000.00		\$ 1,000.00		
	Mar. 2, 1957	1,000.00		1,000.00		
	Jan. 10, 1958	1,000.00		1,000.00		
	Mar. 2, 1957	1,000.00		1,000.00		
	Nov. 26, 1957	1,000.00		1,000.00		
	Feb. 1, 1957	500.00		500.00		
	Oct. 10, 1957	5,000.00		5,000.00		
	Apr. 15, 1957	500.00		500.00		
	Oct. 10, 1957	300.00		300.00		
	Mar. 2, 1957	1,000.00		1,000.00		
	—	—			(350.00)§	
	Jan. 10, 1958	1,000.00		1,000.00		
	Mar. 19, 1957	500.00		500.00		
	May 24, 1957	2,000.00		2,000.00		
	Mar. 2, 1957	2,500.00		2,500.00		
	Oct. 10, 1957	500.00		500.00		
	—	3,000.00*		— †		
	May 24, 1957	500.00		500.00		

**WENNER-GREN FOUNDATION FOR ANTHRO P**  
**SCHEDULE OF APPRO P**  
**For the Year Ended J**

<b>Name and Address</b>	<b>Purpose</b>
Section B—Outside Grants, continued:	
Part II—Appropriations allocated during the year and budgeted for the year commencing February 1, 1958, continued:	
Wymer, Bertram O., Surrey, England	To aid further excavations at Swanscombe site, Kent, England
Yale U., Peabody Museum of Natural History, New Haven, Conn.	To aid anthropological research in Caribbean and elsewhere, under direction of Prof. Cornelius Osgood
Yale U. School of Law, New Haven, Conn.	To aid research on relation between legal philosophy and cultural values
Young, Richard W., Columbia U., New York, N. Y.	To aid preparation of paper on evolution of the human skull
TOTAL SECTION B—OUTSIDE GRANTS—PART II	

**NOTES:**

- \* Amounts represent royalties, received on publications sponsored or subsidized by the Foundation, which have been transferred to the Publication Fund.
- § Amounts allocated in prior period returned by grantee, reverted to Section B—Outside Grants.
- ° Amount represents balance unexpended at February 1, 1957 and is included in the beginning unexpended balance of \$103,236.09.
- † The unexpended portion of these subgrants is included in the unexpended balance of the appropriation, \$104,181.03.

POLOGICAL RESEARCH, INCORPORATED  
PRIATIONS—Continued

January 31, 1958

Unexpended Jan. 31, 1957	Appropriations (cancellations) during year		Allocations during year		Net expenditures during year	Unexpended Jan. 31, 1958
	Date	Amount	Date	Amount		
	Jan. 10, 1958	\$ 500.00		\$ 500.00		
	May 24, 1957	3,000.00		3,000.00		
	Oct. 31, 1957	3,000.00		3,000.00		
	Dec. 6, 1957	60.00		60.00		
<u>\$103,236.09</u>	<u>\$106,702.24</u>				<u>\$105,757.30</u>	<u>\$104,181.03</u>

## PERTINENT INFORMATION CONCERNING POLICIES AND PROCEDURES

### *INFORMATION CONCERNING ACTIVITIES OF THE FOUNDATION*

The Wenner-Gren Foundation for Anthropological Research, Incorporated, is a non-profit foundation created and endowed in 1941 as The Viking Fund, Inc. by Axel Leonard Wenner-Gren. Its sphere of interest is the support of research in all branches of anthropology, and in closely related disciplines so far as they pertain to problems in which the science of man is concerned. Because of limited funds the Foundation's Board of Directors is reluctant at this time to give consideration to projects marginal to the field of anthropology.

*Grants-in-aid:* Grants are awarded by the Board of Directors of the Wenner-Gren Foundation in support of projects initiated by individual scholars, affiliated with accredited institutions and organizations, and for which application is made by or on behalf of the individual or organization. As the Foundation's income has been very sharply curtailed, it is unlikely that any grant awarded will exceed \$3,000. Therefore, potential applicants undertaking long-range or large-scale research programs should explore other possible sources of aid. As the Foundation's policy is to rely upon the integrity and scientific ability of its grantees, awards are made without limitations or conditions attached to the conduct of research, but it requests semi-annual reports of progress, acknowledgment of Wenner-Gren Foundation aid in publications reporting results of research, and presentation of two copies of such publications to the Foundation's Research Library.

*Post-Doctoral Fellowships:* A limited number of non-renewable Richard Carley Hunt Memorial Fellowships, having a maximum stipend of \$2,500, are awarded by the Board of Directors, usually to aid completion of specific studies or preparation of field materials by younger scholars.

*Pre-Doctoral Fellowships:* PROVIDED FUNDS ARE AVAILABLE, one Wenner-Gren Foundation Pre-Doctoral Fellowship at a time, with a maximum stipend of \$1,500, may be awarded to any Department of Anthropology which offers the Ph.D. degree in the United States, and a limited number to similar institutions in other parts of the world. Petition on behalf of a pre-doctoral student must be submitted by the Chairman or Executive Head of a Department, and the nomination must be recommended by the majority of the Department Faculty with the status of Assistant Professor or above. After award of the degree to a Wenner-Gren Foundation Pre-Doctoral Fellow, a Department may present for consideration the name of another candidate.

*INFORMATION REQUESTED FROM PETITIONERS  
FOR GRANTS-IN-AID*

I. PROJECT DATA

1. Name of petitioner (in full)
2. Address
3. Institutional affiliation and title of position held
4. Sponsoring institution (if any) for project
5. Title of project
6. Location where project is to be carried out
7. Aim and scope of project: The nature of the problem; the plan of research; the methods to be used; the basic concepts and/or relationships of concepts involved; the relevant concepts, evidence, or techniques from related disciplines to be used
8. Significance of project: The theoretical formulations to be developed, refined, or tested; the probable contribution to knowledge; the probable contribution to methodology and/or techniques; the relation of this study to other planned programs of research, both your own and others, including previous research whose conclusions are to be checked, or similar studies referring to other cultural groups
9. Other project personnel (if any); those supervising your work; those cooperating or collaborating; those receiving training under your direction
10. Beginning date of project and estimated duration
11. Prospects for publication of results of research

II. FINANCIAL DATA

12. Amount requested from Wenner-Gren Foundation
13. Where and to whom grant should be paid, if awarded. To simplify compliance with currency regulations, please state citizenship if foreign currency would be involved
14. Other sources of aid in connection with the project

### III. PERSONAL PROFESSIONAL DATA

15. Academic background (degrees, research training and experience, positions held)
16. References (three or four requested)
17. Titles of previous publications (including publications in preparation)

It is requested that petitions be submitted to the Director of Research in a letter of application (*one original and three copies*). *It is not necessary to present an application by means of a personal interview.* Copies of petitions are submitted for opinion as an aid to the Board of Directors, which alone is authorized to act upon requests for grants-in-aid. Opinions will not necessarily be requested from the references listed by the petitioner, but may be sought from others, recognized as qualified scholars in the area or field of research covered by the petition.

### *WENNER-GREN FOUNDATION PRE-DOCTORAL FELLOWSHIPS IN ANTHROPOLOGY*

The Board of Directors of the Wenner-Gren Foundation, Incorporated, has established the following policy concerning aid for the promotion of research among younger scholars, to enable qualified students to undertake fieldwork or to complete approved dissertations. Provided funds are available, one Wenner-Gren Foundation Pre-Doctoral Fellowship at a time, with a maximum stipend of \$1,500, is made available to Departments of Anthropology which offer the Ph.D. degree in the United States, upon the following conditions:

1. The nomination must be recommended by the majority of the faculty of the Department with the status of Assistant Professor or above.
2. One member of the faculty must serve as active sponsor of the candidate. This sponsor must certify that he will undertake to secure publication of the results of the applicant's research, and will submit annual progress reports and a final appraisal of the applicant's achievements to the Wenner-Gren Foundation.
3. No limitations will be made by the Wenner-Gren Foundation on the candidate's topic or field of research, nor on the region of the world in which investigation is pursued.

4. It is recommended, however, in view of the present international situation and the shortage of specialists with knowledge of foreign areas and cultures, that applicants for Pre-Doctoral Fellowships include in their program of studies participation in, or previous participation in, field expeditions or cooperative research projects outside of the United States.
5. A further recommendation would be for the applicant to have received a prior degree in some discipline other than anthropology, or be planning to secure such a degree, or its equivalent, in the course of his studies, and be a graduate of some institution other than the one nominating him for a Pre-Doctoral Fellowship.
6. The recommendations suggested in 4 and 5 are made with full knowledge that students fulfilling all of these qualifications are rare. Thus, the nomination of an outstanding student should be freely made if other circumstances are felt to outweigh in importance the criteria listed above.
7. Although it is the intention of the Wenner-Gren Foundation to continue this program in future years, it must be understood that all awards are subject to the approval of the Board of Directors, which alone is empowered to award grants, and are subject to the limitations of the income available for disposal.
8. Pre-Doctoral Fellowships are non-renewable.
9. After award of the Ph.D. degree to a Wenner-Gren Foundation Pre-Doctoral Fellow, a Department of Anthropology may then present for consideration the name of another candidate.

Petitions for Pre-Doctoral Fellowships should follow the outline of "Information Requested from Petitioners for Grants-in-Aid," and be submitted to the Wenner-Gren Foundation for Anthropological Research, with a cover letter of endorsement from the Chairman, Head, or Executive Officer of the Department of Anthropology in which the student is enrolled.

Applications for Pre-Doctoral Fellowships are also accepted from institutions outside of the United States, provided the above conditions are met.

